

# AutoMECH<sup>TM</sup> 2007

# AutoMECH LT<sup>TM</sup> 2007

## シンボルライブラリー

シンボルライブラリー（以下、ライブラリーという）は、AutoMECH LT2007/AutoMECH2007 以降において標準装備している電気・電子・計装系のライブラリーです。ライブラリーは、

- ・JIS C 0303 構内電気設備用の配線図記号
- ・JIS C 0617 電気用図記号
- ・JIS C 9309 溶接機電気回路用図記号
- ・JIS X 0121 情報処理用流れ図・プログラム網図・システム資源図記号
- ・JIS Z 8204 計装用図記号

に準じており、総数で約 2,000 個を標準搭載しています。

また、このライブラリーは、AutoMECH LT/AutoMECH の機能と連携しており、トリム挿入や自動尺度挿入などが行えますので、配置設計などに特に有効です。本件の詳細については、AutoMECH LT/AutoMECH の資料・マニュアルと合わせて、ご確認願います。

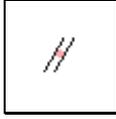
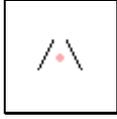
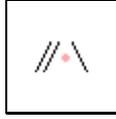
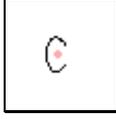
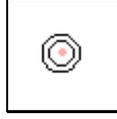
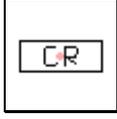
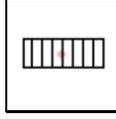
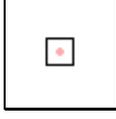
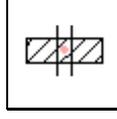
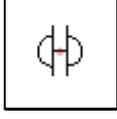
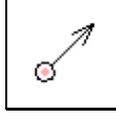
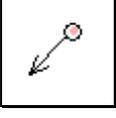
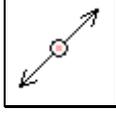
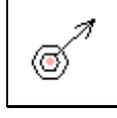
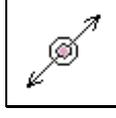
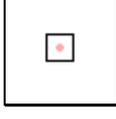
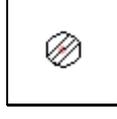
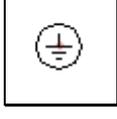
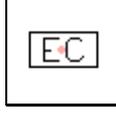
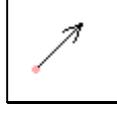
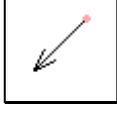
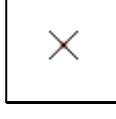
2006 年 11 月

株式会社 エス・アール・ディー

# JIS C0303 構内電気設備用の配線図記号

## ■ 配線

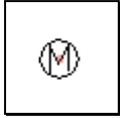
### 配線

乗数 caa001 	乗数 caa002 	乗数 caa003 	乗数 caa004 	乗数 caa005 
乗数 caa006 	空配管 caa007 	ジャンクションボックス caa008 	ケーブルラック caa009 	ケーブルラック caa010 
金属ダケ caa011 	フィードインボックス caa012 	防火区画貫通部 caa013 	防火区画貫通部 caa014 	立上り caa015 
引下げ caa016 	素通し caa017 	立上り(防火区画貫通部) caa018 	引下げ(防火区画貫通部) caa019 	素通し(防火区画貫通部) caa020 
プルボックス caa021 	ジョイントボックス caa022 	VVF用ジョイントボックス caa023 	接地端子 caa024 	接地センタ caa025 
接地極 caa026 	受電点 caa027 	バスタク外立上り caa028 	バスタク外引下げ caa029 	撤去 caa030 

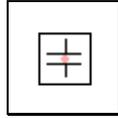
■ 機器

機器

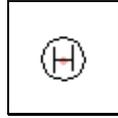
電動機  
cba001



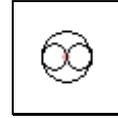
コンデンサ  
cba002



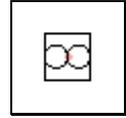
電熱器  
cba003



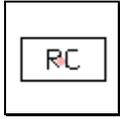
換気扇  
cba004



換気扇(天井付)  
cba005



ルームエアコン  
cba006



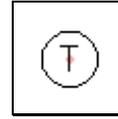
電磁弁  
cba007



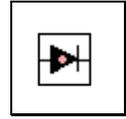
電動弁  
cba008



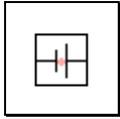
小型変圧器  
cba009



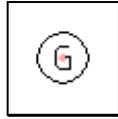
整流装置  
cba010



蓄電池  
cba011

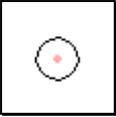
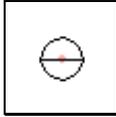
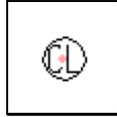
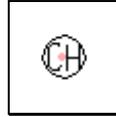
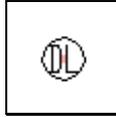
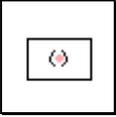
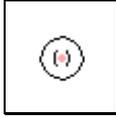
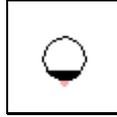
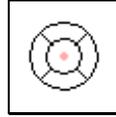
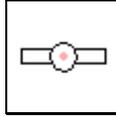
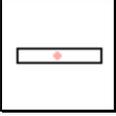
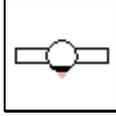
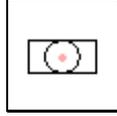
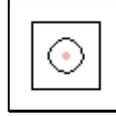
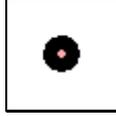
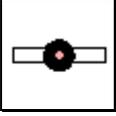
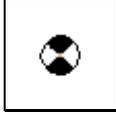
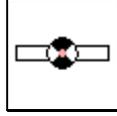
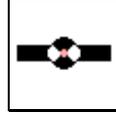
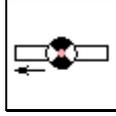
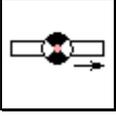
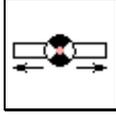
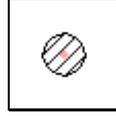
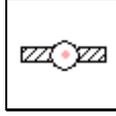


発電機  
cba012

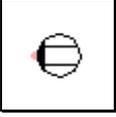
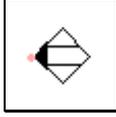
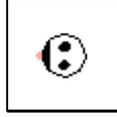
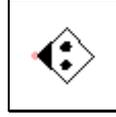
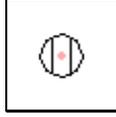
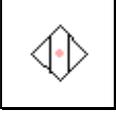
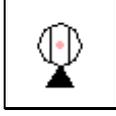
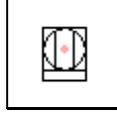
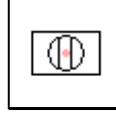
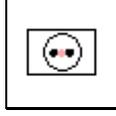


■ 電灯・電力

照明器具

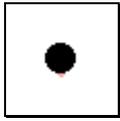
<p>白熱灯 / HID灯 cca001</p> 	<p>白熱灯 / HID灯 ペンダント cca002</p> 	<p>白熱灯 / HID灯 シーリング (天井直付) cca003</p> 	<p>白熱灯 / HID灯 シャンデリア cca004</p> 	<p>白熱灯 / HID灯 埋込器具 cca005</p> 
<p>白熱灯 / HID灯 引掛シーリングだけ (角) cca006</p> 	<p>白熱灯 / HID灯 引掛シーリングだけ (丸) cca007</p> 	<p>白熱灯 / HID灯 (壁付) cca008</p> 	<p>白熱灯 / HID灯 屋外灯 cca009</p> 	<p>蛍光灯 (ボックス付) cca010</p> 
<p>蛍光灯 (ボックスなし) cca011</p> 	<p>蛍光灯 (壁付) cca012</p> 	<p>蛍光灯 cca013</p> 	<p>蛍光灯 cca014</p> 	<p>非常用照明 (白熱灯) cca015</p> 
<p>非常用照明 (蛍光灯) cca016</p> 	<p>誘導灯 (白熱灯) cca017</p> 	<p>誘導灯 (蛍光灯) cca018</p> 	<p>誘導灯 (蛍光灯) 非常用照明兼用 cca019</p> 	<p>通路誘導灯 cca020</p> 
<p>通路誘導灯 cca021</p> 	<p>通路誘導灯 cca022</p> 	<p>連動式誘導灯用 信号装置 cca023</p> 	<p>保安用/発電回路用 白熱灯 cca024</p> 	<p>保安用/発電回路用 蛍光灯 cca025</p> 

コンセント

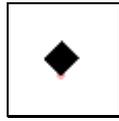
<p>一般型 ccb001</p> 	<p>ワイド型 ccb002</p> 	<p>一般型 ccb003</p> 	<p>ワイド型 ccb004</p> 	<p>一般型 (天井付) ccb005</p> 
<p>ワイド型 (天井付) ccb006</p> 	<p>床用 ccb007</p> 	<p>二重床用 ccb008</p> 	<p>非常用コンセント ccb009</p> 	<p>非常用コンセント ccb010</p> 

点滅器

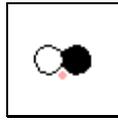
一般型  
ccc001



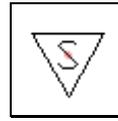
ワイドハンドル型  
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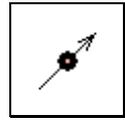
確認表示灯別置  
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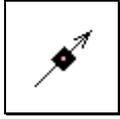
熱線式自動スイッチ用センサ  
ccc004



調光器(一般型)  
ccc005



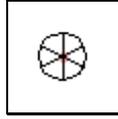
調光器(ワイド型)  
ccc006



リモコンスイッチ  
ccc007



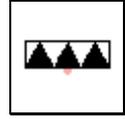
リモコンセレクトスイッチ  
ccc008



リモコンレ-  
ccc009



リモコンレ-(集合)  
ccc010



開閉器・計器

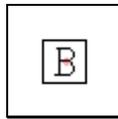
開閉器  
ccd001



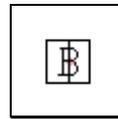
電流計付開閉器  
ccd002



配線用遮断器  
ccd003



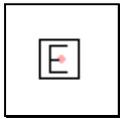
モ-タブレーカ  
ccd004



配線用遮断器  
ccd005



漏電遮断器  
ccd006



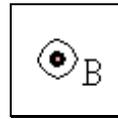
過負荷保護付  
漏電遮断器  
ccd007



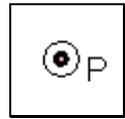
漏電遮断器  
ccd008



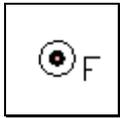
電磁開閉器用押しボタン  
ccd009



圧力スイッチ  
ccd010



フ-ードスイッチ  
ccd011



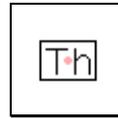
フ-ードスイッチ電極  
ccd012



電極切替箱  
ccd013



タイムスイッチ  
ccd014



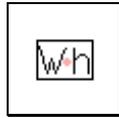
電力量計  
ccd015



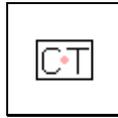
電力量計  
ccd016



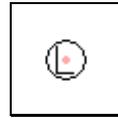
電力量計  
(箱入り又はフ-ード付)  
ccd017



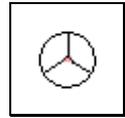
変流器(箱入)  
ccd018



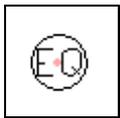
電量制限器  
ccd019



漏電警報  
ccd020

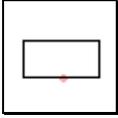


地震感知器  
ccd021

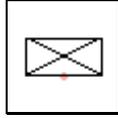


配電盤・分電盤

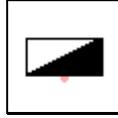
配電盤  
cce001



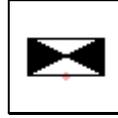
配電盤  
cce002



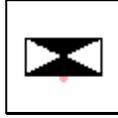
分電盤  
cce003



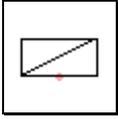
制御盤  
cce004



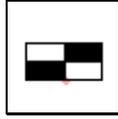
実験盤  
cce005



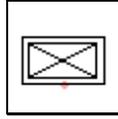
0A盤  
cce006



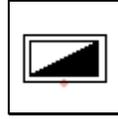
警報盤  
cce007



防災電源回路用配電盤  
cce008

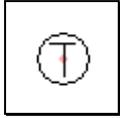


防災電源回路用配電盤  
cce009

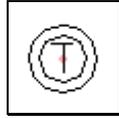


電話・情報設備

内線電話機  
cda001



加入電話機  
cda002



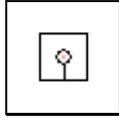
公衆電話機  
cda003



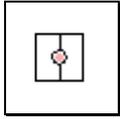
ファクシミリ  
cda004



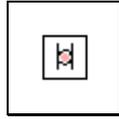
転換器  
cda005



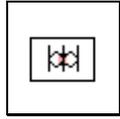
両切り転換器  
cda006



保安器  
cda007



集合保安器  
cda008



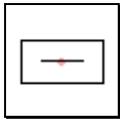
デジタル回線終端装置  
cda009



ターミナルアダプタ  
cda010



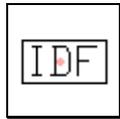
端子盤  
cda011



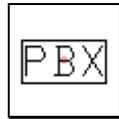
本配線盤  
cda012



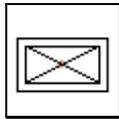
中間配線盤  
cda013



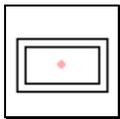
交換機  
cda014



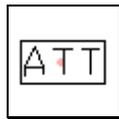
交換機  
cda015



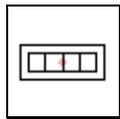
ホタル電話主装置  
cda016



局線中継台  
cda017



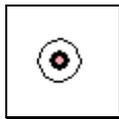
局線表示盤  
cda018



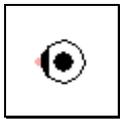
時分割回線多重化装置  
cda019



通信用(電話用)アウトレット  
cda020



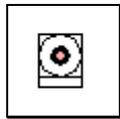
通信用アウトレット  
(壁付)  
cda021



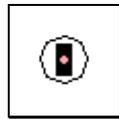
通信用アウトレット  
(床用)  
cda022



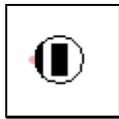
通信用アウトレット  
(二重床用)  
cda023



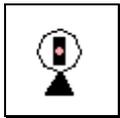
情報用アウトレット  
cda024



情報用アウトレット(壁付)  
cda025



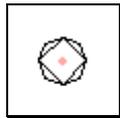
情報用アウトレット(床用)  
cda026



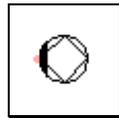
情報用アウトレット(二重床用)  
cda027



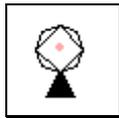
複合アウトレット  
cda028



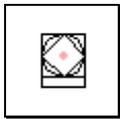
複合アウトレット(壁付)  
cda029



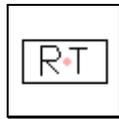
複合アウトレット(床用)  
cda030



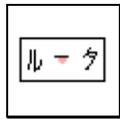
複合アウトレット(二重床用)  
cda031



ルータ  
cda032



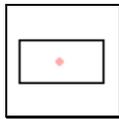
ルータ  
cda033



集線装置(ハブ)  
cda034

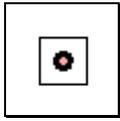


情報用機器収容箱  
cda035

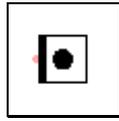


警報・呼出・表示・ナースコール設備

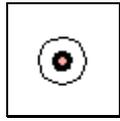
押しボタン  
cdb001



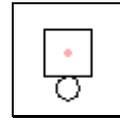
押しボタン 壁付  
cdb002



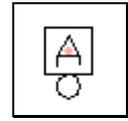
握り押しボタン  
cdb003



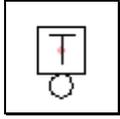
ベル  
cdb004



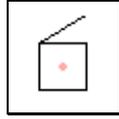
警報用ベル  
cdb005



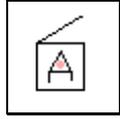
時報用ベル  
cdb006



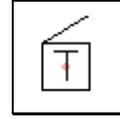
ブザー  
cdb007



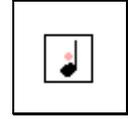
警報用ブザー  
cdb008



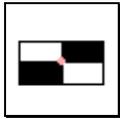
時報用ブザー  
cdb009



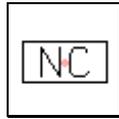
チャイム  
cdb010



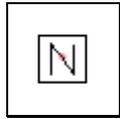
警報盤  
cdb011



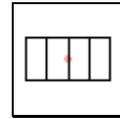
ナースコール用受信盤(親機)  
cdb012



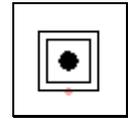
ナースコール用子機  
cdb013



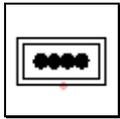
表示盤  
cdb014



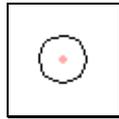
表示スイッチ(発信器)  
cdb015



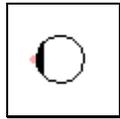
表示スイッチ盤  
cdb016



表示灯  
cdb017

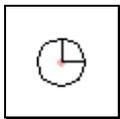


表示灯(壁付)  
cdb018

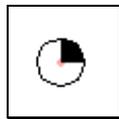


電気時計設備

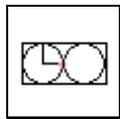
子時計  
cdc001



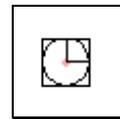
子時計(アウトレットのみ)  
cdc002



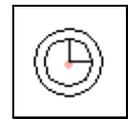
スビ-カ付子時計  
cdc003



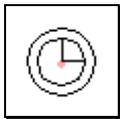
時報子時計  
cdc004



親時計  
cdc005

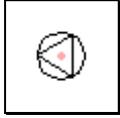


時計監視盤  
(親時計組込み)  
cdc006

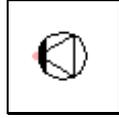


拡声・インターホン・映像設備

スピーカ  
cdd001



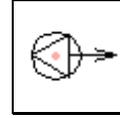
スピーカ(壁付)  
cdd002



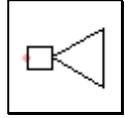
スピーカ(アウトレットのみ)  
cdd003



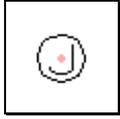
スピーカ(方向指示)  
cdd004



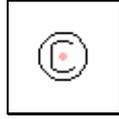
ホーン形スピーカ  
cdd005



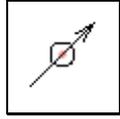
ジャック  
cdd006



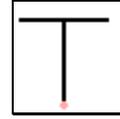
コネクタ  
cdd007



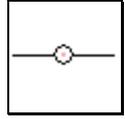
アッテネータ  
cdd008



ラジオアンテナ  
cdd009



ワイヤレスアンテナ  
cdd010



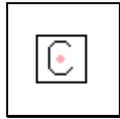
増幅器  
cdd011



遠隔操作器  
cdd012



カットリ  
cdd013



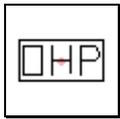
テレビ  
cdd014



中央処理装置  
cdd015



オーバーヘッドプロジェクタ  
cdd016



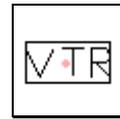
スライドプロジェクタ  
cdd017



映写機  
cdd018



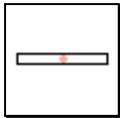
ビデオテープレコーダ  
cdd019



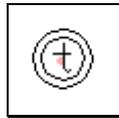
ビデオプロジェクタ  
cdd020



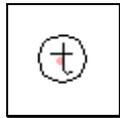
スクリーン  
cdd021



電話機形インターホン親機  
cdd022



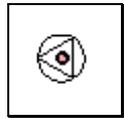
電話機形インターホン子機  
cdd023



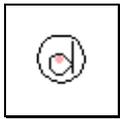
スピーカ形インターホン親機  
cdd024



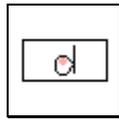
スピーカ形インターホン子機  
cdd025



ドアホン  
cdd026

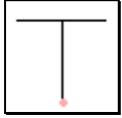


ドアホン集合玄関機  
cdd027

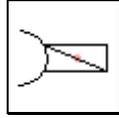


テレビ共同受信設備

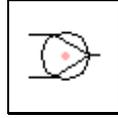
テレビジョンアンテナ  
cde001



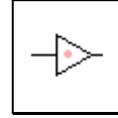
パラボラアンテナ  
cde002



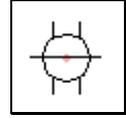
混合・分波器  
cde003



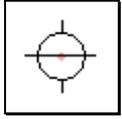
増幅器  
cde004



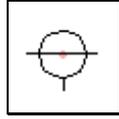
4分岐器  
cde005



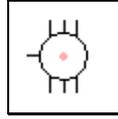
2分岐器  
cde006



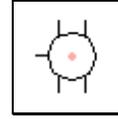
1分岐器  
cde007



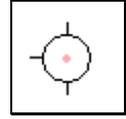
6分配器  
cde008



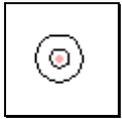
4分配器  
cde009



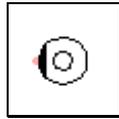
2分配器  
cde010



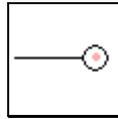
直列ユニット(75 )  
cde011



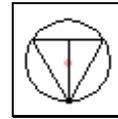
直列ユニット(75 ) (壁付)  
cde012



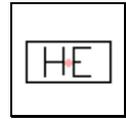
テレビ端子  
cde013



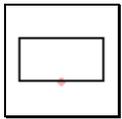
ヘッドエンド  
cde014



ヘッドエンド  
cde015



機器収容箱  
cde016

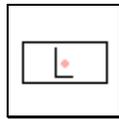


駐車場管制設備

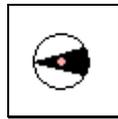
ループコイル  
cdf001



ループコイル式車両検出器  
cdf002



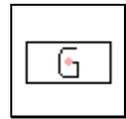
光線式検知器(発光器)  
cdf003



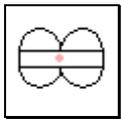
光線式検知器(受光器)  
cdf004



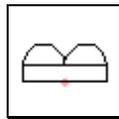
管制盤  
cdf005



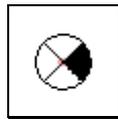
信号灯(両面)  
cdf006



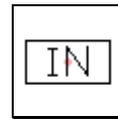
信号灯(片面)  
cdf007



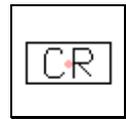
警報灯(回転灯)  
cdf008



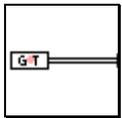
発券機  
cdf009



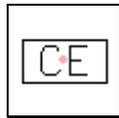
カードリーダー  
cdf010



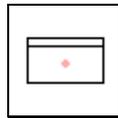
カーゲート  
cdf011



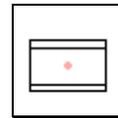
カードエンコーダ  
cdf012



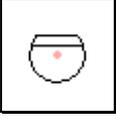
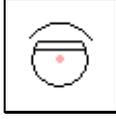
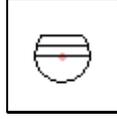
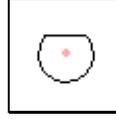
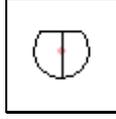
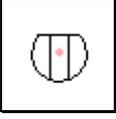
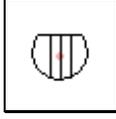
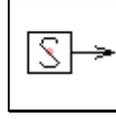
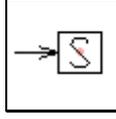
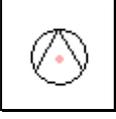
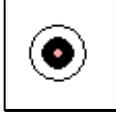
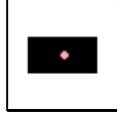
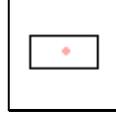
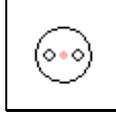
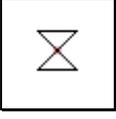
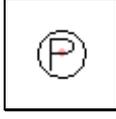
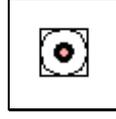
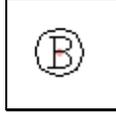
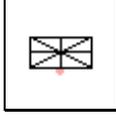
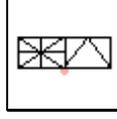
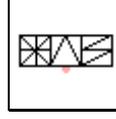
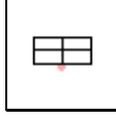
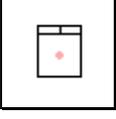
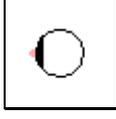
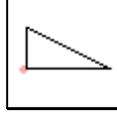
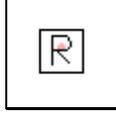
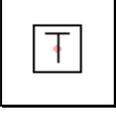
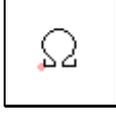
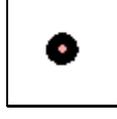
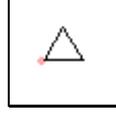
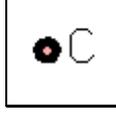
表示灯(片面)  
cdf013



表示灯(両面)  
cdf014

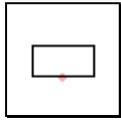


自動火災報知設備

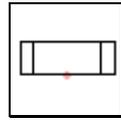
<p>差動式スポット型感知器 cea001</p> 	<p>差動式スポット型感知器 (埋込形) cea002</p> 	<p>補償式スポット型感知器 / 熱複合式スポット型感知器 cea003</p> 	<p>定温式スポット型感知器 cea004</p> 	<p>定温式スポット型感知器 (防水形) cea005</p> 
<p>定温式スポット型感知器 (耐酸形) cea006</p> 	<p>定温式スポット型感知器 (耐アルカリ形) cea007</p> 	<p>熱煙複合式スポット型感知器 cea008</p> 	<p>煙感知器 cea009</p> 	<p>煙感知器 点検ボックス cea010</p> 
<p>煙感知器 (埋込形) cea011</p> 	<p>煙複合式スポット型 (露出形) cea012</p> 	<p>煙複合式スポット型 (埋込形) cea013</p> 	<p>光電式分離型感知器 送光部 cea014</p> 	<p>光電式分離型感知器 受光部 cea015</p> 
<p>炎感知器 cea016</p> 	<p>定温式感知線型感知器 cea017</p> 	<p>差動式分布型感知器 cea018</p> 	<p>差動式分布型感知器 (小屋裏及び天井裏用) cea019</p> 	<p>差動式分布型感知器 cea020</p> 
<p>差動式分布型感知器 の検出部 cea021</p> 	<p>P型発信機 cea022</p> 	<p>P型発信機 (屋外用) cea023</p> 	<p>回路試験器 cea024</p> 	<p>警報ベル cea025</p> 
<p>警報ベル (屋外用) cea026</p> 	<p>受信機 cea027</p> 	<p>受信機 (+ガス漏れ警報設備) cea028</p> 	<p>受信機 (+ガス漏れ警報設備+自動 閉鎖装置の連動制御盤) cea029</p> 	<p>副受信機 (表示器) cea030</p> 
<p>中継器 cea031</p> 	<p>表示灯 cea032</p> 	<p>標識板 cea033</p> 	<p>補助電源 cea034</p> 	<p>移報器 cea035</p> 
<p>差動スポット試験器 cea036</p> 	<p>終端抵抗 cea037</p> 	<p>アナログ式 cea038</p> 	<p>遠隔試験機能付 cea094</p> 	<p>アナログ式自動試験器脳付 cea040</p> 

自動火災報知設備 (続き)

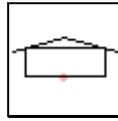
機器収容箱  
cea041



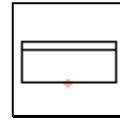
機器収容箱(消火栓箱組込)  
cea042



機器収容箱(屋外用)  
cea043



機器収容箱(埋込型)  
cea044



警戒区域番号 属性付  
cea045



警戒区域番号 属性付  
cea046

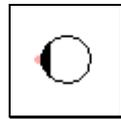


共同住宅用警報設備

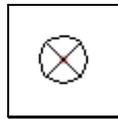
住戸用自火報受信機  
ceb001



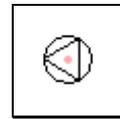
表示灯  
ceb002



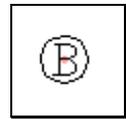
火災表示灯  
ceb003



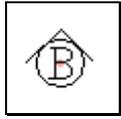
スピーカ  
ceb004



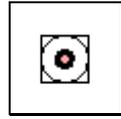
ベル  
ceb005



ベル(屋外用)  
ceb006



回路試験器(導通試験装置)  
ceb007

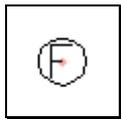


ブザー  
ceb008

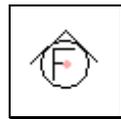


非常警報設備

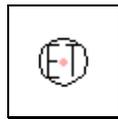
起動装置  
cec001



起動装置(屋外用)  
cec002



非常電話機  
cec003



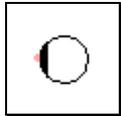
警報ベル  
cec004



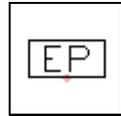
警報ベル(屋外用)  
cec005



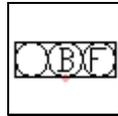
表示灯  
cec006



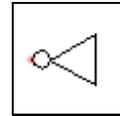
電源部(操作部)  
cec007



非常警報装置(一体形)  
cec008



警報サイロ  
cec009

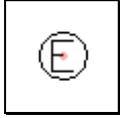


報知区域番号 属性付  
cec010



## 消火設備

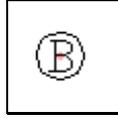
起動ボタン  
ced001



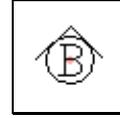
起動ボタン(屋外用)  
ced002



警報ベル  
ced003



警報ベル(屋外用)  
ced004



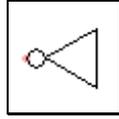
警報ブザー  
ced005



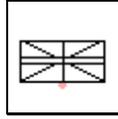
警報ブザー(屋外用)  
ced006



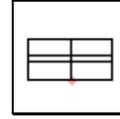
サイレン  
ced007



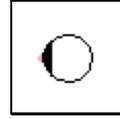
制御盤  
ced008



表示盤  
ced009

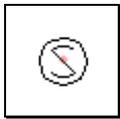


表示灯  
ced010



## 自動閉鎖設備

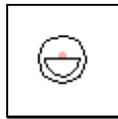
煙感知器  
cee001



煙感知器(埋込形)  
cee002



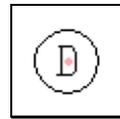
熱感知器  
cee003



自動閉鎖装置  
cee004



自動閉鎖装置(防火戸)  
cee005



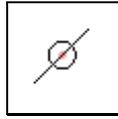
自動閉鎖装置(防火シャッター)  
cee006



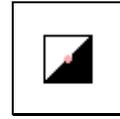
自動閉鎖装置(防煙たれ壁)  
cee007



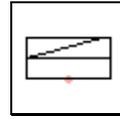
自動閉鎖装置(防火ダンパー)  
cee008



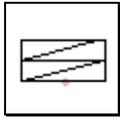
自動閉鎖装置(排煙口)  
cee009



連動制御器  
cee010



連動制御器(操作部あり)  
cee011

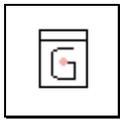


動作区域番号 属性付  
cee012

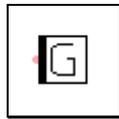


## ガス漏れ警報設備

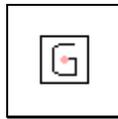
検知器  
cef001



検知器(壁掛形)  
cef002



検知器(分離型)  
cef003



検知区域警報装置  
cef004



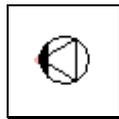
検知区域警報装置  
(屋外用)  
cef005



音声警報装置  
cef006



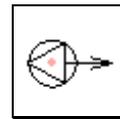
音声警報装置(壁付)  
cef007



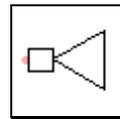
音声警報装置(アウトレットのみ)  
cef008



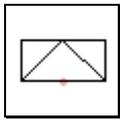
音声警報装置(方向指示)  
cef009



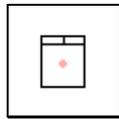
ホーン形スピーカ  
cef010



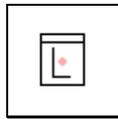
受信器  
cef011



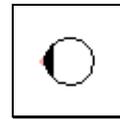
中継器  
cef012



ガス漏れ表示灯の中継器  
cef013



表示灯  
cef014

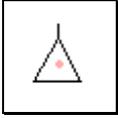


警戒区域番号  
cef015

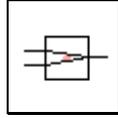


## 無線通信補助設備

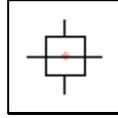
アンテナ  
ceg001



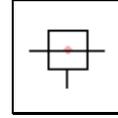
混合器  
ceg002



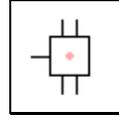
2分岐器  
ceg003



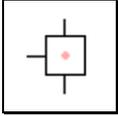
1分岐器  
ceg004



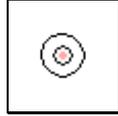
4分岐器  
ceg005



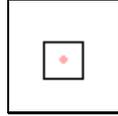
2分岐器  
ceg006



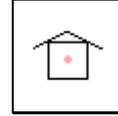
無線機接続端子  
ceg007



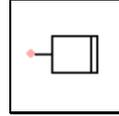
無線機接続端子箱  
ceg008



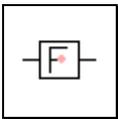
無線機接続端子箱  
(屋外用)  
ceg009



コネクタ  
ceg010

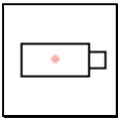


分岐器(フィルタを含む)  
ceg011

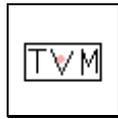


## 監視カメラ設備

カメラ  
ceh001



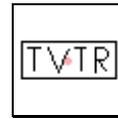
モニター  
ceh002



監視カメラ装置架  
ceh003



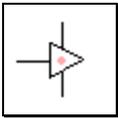
タイムラプスVTR  
ceh004



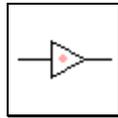
映像切替器  
ceh005



映像分配器  
ceh006

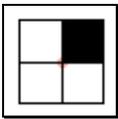


映像補償器  
ceh007

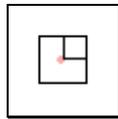


## 機械警備設備

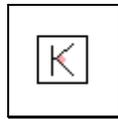
警報制御盤  
cei001



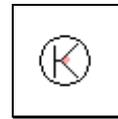
入室操作器  
cei002



電気錠  
cei003



警報センサ  
cei004



■ 避雷設備

避雷設備				
突針部(平面図用) cfa001	突針部(立面図用) cfa002	接続点 cfa003	接地抵抗測定用端子 cfa004	接地抵抗測定用端子 (箱入) cfa005
接地極 cfa006				

■ 屋外設備

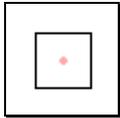
屋外設備				
電柱 cga001	支線 cga002	支柱 cga003	マンホール cga004	ハンドホール cga005
マンホール / ハンドホール cga006	埋設標 cga007			

# JIS C0617 電気用図記号

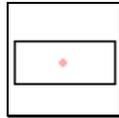
## ■ 図記号要素・限定図記号・一般用途図記号

### 輪郭・囲い

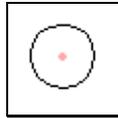
対象  
cia001



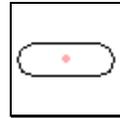
対象  
cia002



対象 / 囲い / 囲込み  
cia003

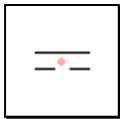


囲い / 囲込み  
cia004

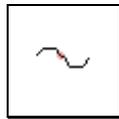


### 電圧・電流の種類

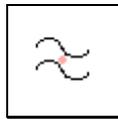
直流  
cib001



交流 / 低周波数  
cib002



中間周波数  
cib003



高周波数  
cib004



交流部分から整流された電流  
cib005



### 調整・変換・自動制御

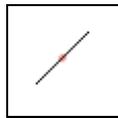
可変  
cic001



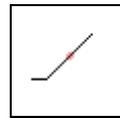
非線形可変  
cic002



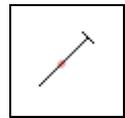
固有の可変  
cic003



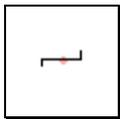
非線形固有の可変  
cic004



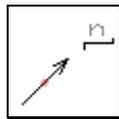
非固定調整  
cic005



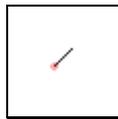
ステップ可変  
cic006



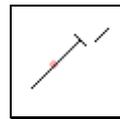
ステップ調整 属性付  
cic007



連続可変  
cic008



半固定連続可変  
cic009

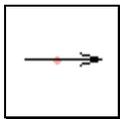


自動可変  
cic010

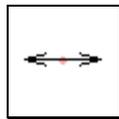


### 力・運動方向

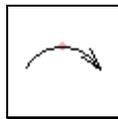
直線状の力または  
直線運動の方向  
cid001



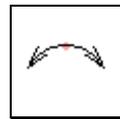
双方向の力または  
双方向の直線運動  
cid002



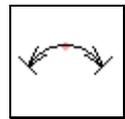
一方向の  
円運動、回転、トルク  
cid003



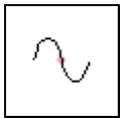
双方向の  
円運動、回転、トルク  
cid004



双方向の円運動、回転、トルク  
(回転制約あり)  
cid005

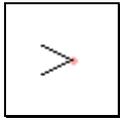


振動運動  
cid006

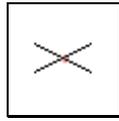


## 流れの方向

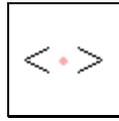
一方向の流れ  
cie001



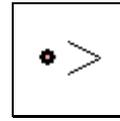
同時送、受信  
cie002



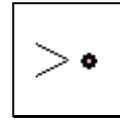
交互送、受信  
cie003



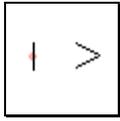
送信  
cie004



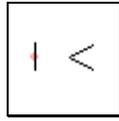
受信  
cie005



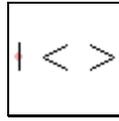
母線からのエネルギーの流れ  
cie006



母線へのエネルギーの流れ  
cie007

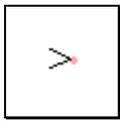


双方向のエネルギーの流れ  
cie008

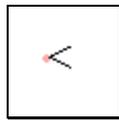


## 特性量への作動依存症

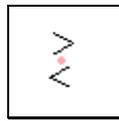
特性量が設定値を超過する  
場合に作動  
cif001



特性量が設定値を下回っ  
た場合に作動  
cif002



特性量が高位設定値を超過  
した場合または低位設定  
値を下回った場合に作動  
cif003

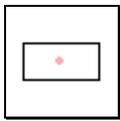


特性量が零値から少量で  
もずれた場合に作動  
cif004

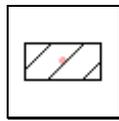


## 材料の種類

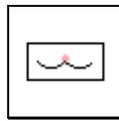
非指定  
cig001



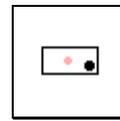
固体  
cig002



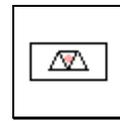
液体  
cig003



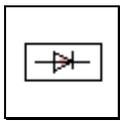
気体  
cig004



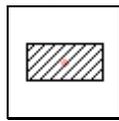
エレクトレット  
cig005



半導体  
cig006

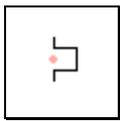


絶縁体  
cig007

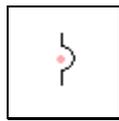


## 効果・依存性

熱効果  
cih001



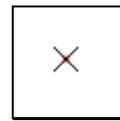
電磁効果  
cih002



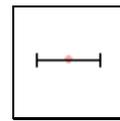
磁歪効果  
cih003



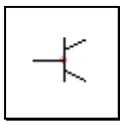
磁界効果 / 依存性  
cih004



遅延  
cih005



半導体効果  
cih006



電氣的隔離による結合効果  
cih007

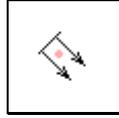


## 放射

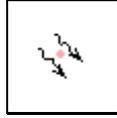
非電離電磁放射  
cii001



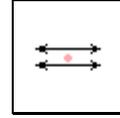
非電離ヒールト放射  
cii002



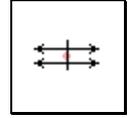
電離放射  
cii003



双方向非電離電磁放射  
cii004

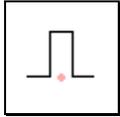


双方向非電離ヒールト放射  
cii005

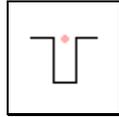


## 信号波形

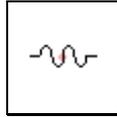
正のパルス  
cij001



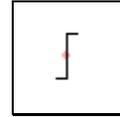
負のパルス  
cij002



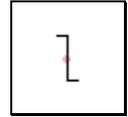
交流パルス  
cij003



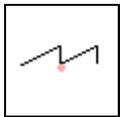
正のステップ関数  
cij004



負のステップ関数  
cij005

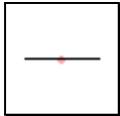


鋸歯状波  
cij006

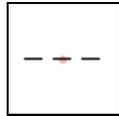


## 印刷・さん孔・ファクシミリ

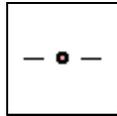
テープ印刷  
cik001



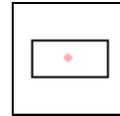
テープさん孔またはさん孔テープ  
cik002



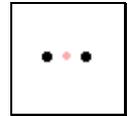
テープの同時さん孔印刷  
cik003



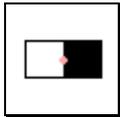
ペーシ印刷  
cik004



キーボード  
cik005

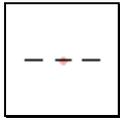


ファクシミリ  
cik006

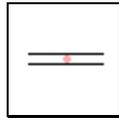


機械制御・その他の制御

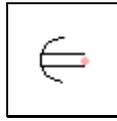
連結  
cil001



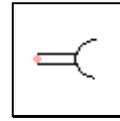
連結(制約がある場合)  
cil002



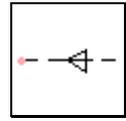
遅延動作  
cil003



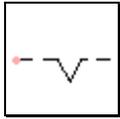
遅延動作  
cil004



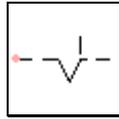
自動復帰  
cil005



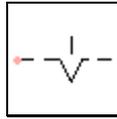
戻り止め  
cil006



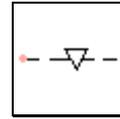
戻り止め(解放状態)  
cil007



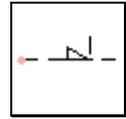
戻り止め(掛かり状態)  
cil008



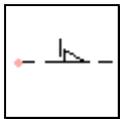
二つの装置間での  
機械的インターロック  
cil009



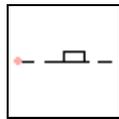
掛け金(解放状態)  
cil010



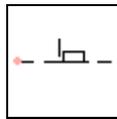
掛け金(掛かり状態)  
cil011



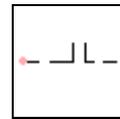
閉塞装置  
cil012



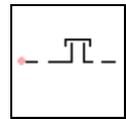
閉塞装置(掛かり状態)  
cil013



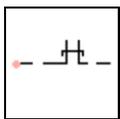
クラッチ / 機械的結合  
cil014



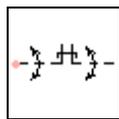
機械的結合(解放状態)  
cil015



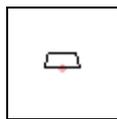
機械的結合(結合状態)  
cil016



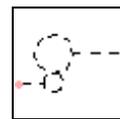
回転に対し一方向に限り  
結合されている装置  
cil017



ブレーキ  
cil018

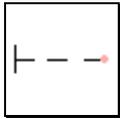


歯車のかみあい  
cil019

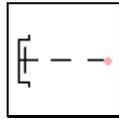


操作機器・操作機構

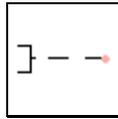
手動操作  
cim001



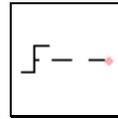
手動操作(限定操作)  
cim002



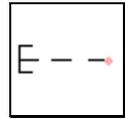
引き操作  
cim003



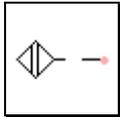
ひねり操作  
cim004



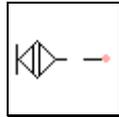
押し操作  
cim005



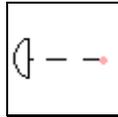
近接操作  
cim006



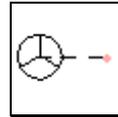
接触操作  
cim007



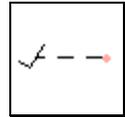
非常操作  
(マッシュルームヘッド型)  
cim008



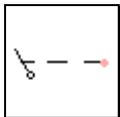
ハンドル操作  
cim009



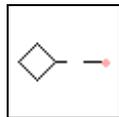
足踏みによる操作  
cim010



梃子による操作  
cim011



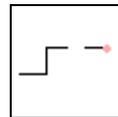
着脱可能ハンドルによる操作  
cim012



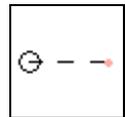
鍵による操作  
cim013



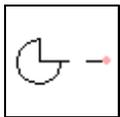
クランク操作  
cim014



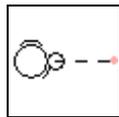
ローラ操作  
cim015



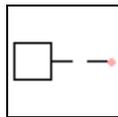
カム操作  
cim016



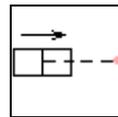
カムとローラによる操作  
cim017



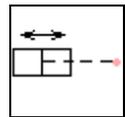
機械的エネルギー・蓄積による  
操作  
cim018



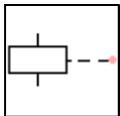
一方方向の圧縮空気操作  
または水圧操作  
cim019



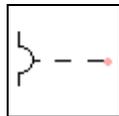
双方方向の圧縮空気操作  
または水圧操作  
cim020



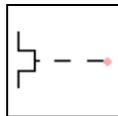
電磁効果による操作  
cim021



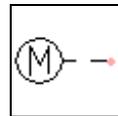
電磁継電器による操作  
cim022



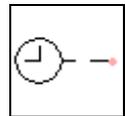
熱継電器による操作  
cim023



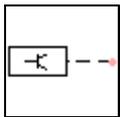
電動機操作  
cim024



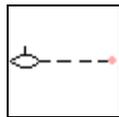
電機時計操作  
cim025



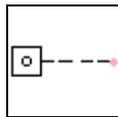
半導体操作  
cim026



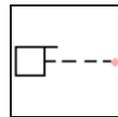
液面による操作  
cim027



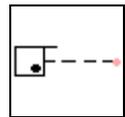
カウンタによる操作  
cim028



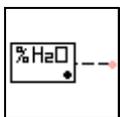
流体の流れによる制御  
cim029



気体の流れによる制御  
cim030

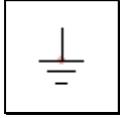


相対湿度による制御  
cim031

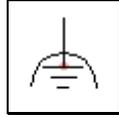


設置・フレーム接続・等電位

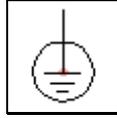
接地  
cin001



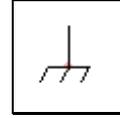
無雑音接地(ノイズレス接地)  
cin002



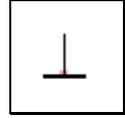
保護接地  
cin003



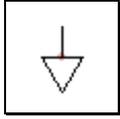
フレーム接続、シャシ  
cin004



フレーム接続、シャシ  
cin005

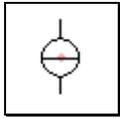


等電位  
cin006

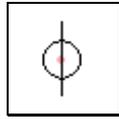


理想回路素子

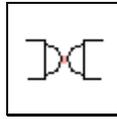
理想電流源  
cio001



理想電圧源  
cio002



理想ジャイレータ  
cio003

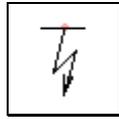


一般用途図記号

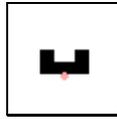
故障  
cip001



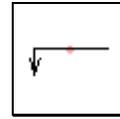
せん絡 / 破壊  
cip002



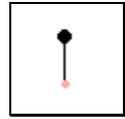
永久磁石  
cip003



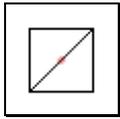
可動接点  
cip004



試験の表示  
cip005



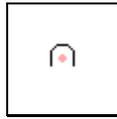
変換器  
cip006



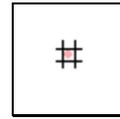
変換  
cip007



アナログ  
cip008



デジタル  
cip009



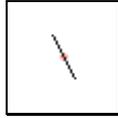
■ 導体・接続部品

接続

接続  
cja001



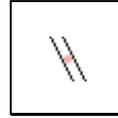
接続  
cja002



2本の接続  
cja003



2本の接続  
cja004



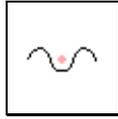
3本の接続  
cja005



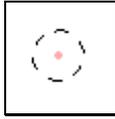
3本の接続  
cja006



フレキシブル接続  
cja007



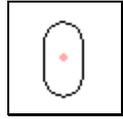
遮蔽導体  
cja008



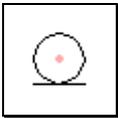
より合わせ接続  
cja009



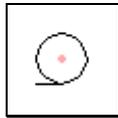
ケーブルの心線  
cja010



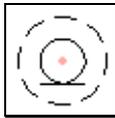
同軸ケーブル  
cja011



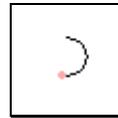
同軸ケーブル  
cja012



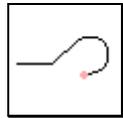
遮蔽付同軸ケーブル  
cja013



未接続の導体  
またはケーブルの端  
cja014

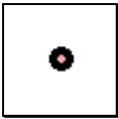


特別な絶縁処理をした未接  
続の導体またはケーブルの端  
cja015

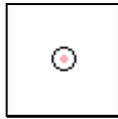


接続点・端子・分岐

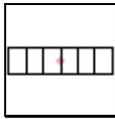
接続点  
cjb001



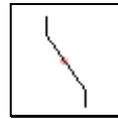
端子  
cjb002



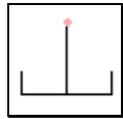
端子板  
cjb003



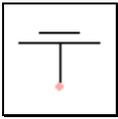
導体の入替え / 相順の反転  
/ 極性の反転  
cjb004



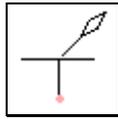
中性点  
cjb005



導体非切断タップ  
cjb006

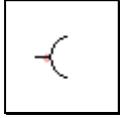


特殊な工具を必要とする  
接続点  
cim007

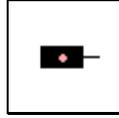


## 接続部品

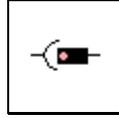
メス形接点 / ソケット  
cjc001



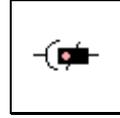
オス形接点 / プラグ  
cjc002



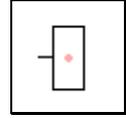
プラグ・ソケット  
cjc003



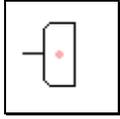
多極ソケット・プラグ  
cjc004



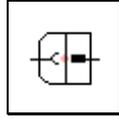
コネクタ (アセンブリの固定部分)  
cjc005



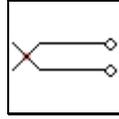
コネクタ (アセンブリの可動部分)  
cjc006



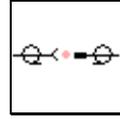
コネクタアセンブリ  
cjc007



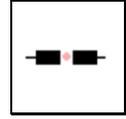
電話形ブレイクジャック  
cjc008



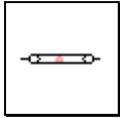
同軸プラグ・ソケット  
cjc009



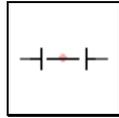
突合せコネクタ  
cjc010



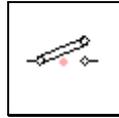
接続リンク (閉)  
cjc011



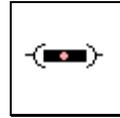
接続リンク (閉)  
cjc012



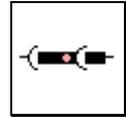
接続リンク (開)  
cjc013



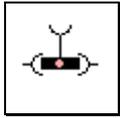
プラグ・ソケット形コネクタ  
(オス - オス形)  
cjc014



プラグ・ソケット形コネクタ  
(オス - メス形)  
cjc015

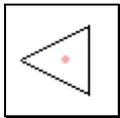


プラグ・ソケット形コネクタ  
(ソケットアクセス付オス - オス形)  
cjc016

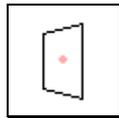


## ケーブル取付部品

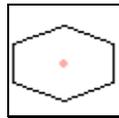
ケーブル終端  
cjd001



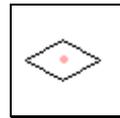
ケーブル終端  
cjd002



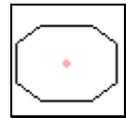
貫通接続箱 (複線表示)  
cjd003



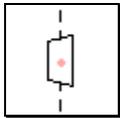
貫通接続箱 (単線表示)  
/ 接続箱 (単線表示)  
cjd004



接続箱 (複線表示)  
cjd005



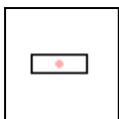
耐圧防水壁形  
ケーブルグラント  
cjd006



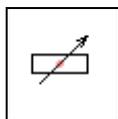
■ 基礎受動部品

抵抗器

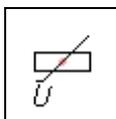
抵抗器  
cka001



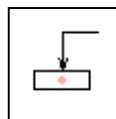
可変抵抗器  
cka002



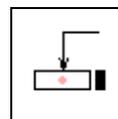
電圧依存抵抗器 / バリスタ  
cka003



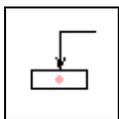
しゅう道接点付抵抗器  
cka004



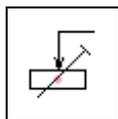
しゅう動接点付抵抗器  
(開位置付)  
cka005



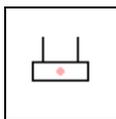
しゅう動接点付  
ポテンションメータ  
cka006



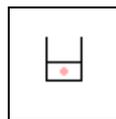
可動接点・プリセット付  
ポテンションメータ  
cka007



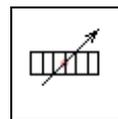
固定タップ付抵抗器  
cka008



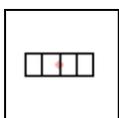
分流器(シャフト)  
cka009



炭素積層抵抗器  
cka010

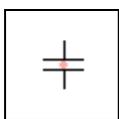


発熱素子  
cka011

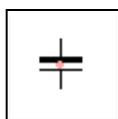


コンデンサ(キャパシタ)

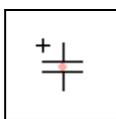
コンデンサ(キャパシタ)  
ckb001



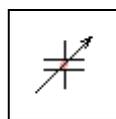
リードスル-コンデンサ(キャパシタ)  
/ 貫通形コンデンサ(キャパシタ)  
ckb002



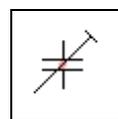
有極性コンデンサ(キャパシタ)  
ckb003



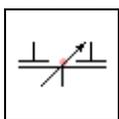
可変コンデンサ(キャパシタ)  
ckb004



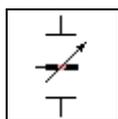
半固定コンデンサ(キャパシタ)  
ckb005



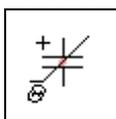
可変差動コンデンサ  
(キャパシタ)  
ckb006



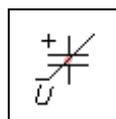
可変平衡形コンデンサ  
(キャパシタ)  
ckb007



温度依存形有極性  
コンデンサ(キャパシタ)  
ckb008



電圧依存形有極性  
コンデンサ(キャパシタ)  
ckb009



インダクタ

インダクタ / コイル / 巻線  
/ チョーク(リアクトル)  
ckc001



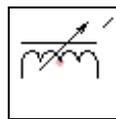
磁心入インダクタ  
ckc002



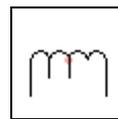
キャップ付磁心入インダクタ  
ckc003



磁心入連続可変インダクタ  
ckc004



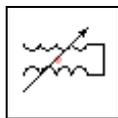
固定タップ付インダクタ  
ckc005



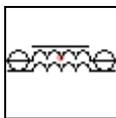
ステップ可変インダクタ  
ckc006



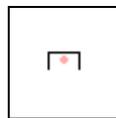
バリオメータ  
ckc007



磁心入同軸チョーク  
ckc008

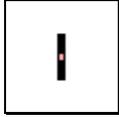


フェライトビーズ  
ckc009



フェライト磁心・磁気記憶マトリックス

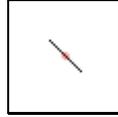
フェライト磁心  
ckd001



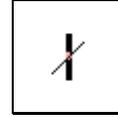
磁束 / 電流方向の指示  
ckd002



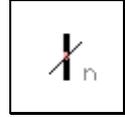
磁束 / 電流方向の指示  
ckd003



フェライト磁心(巻線1)  
ckd004

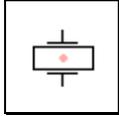


フェライト磁心(巻線n)  
属性付  
ckd005

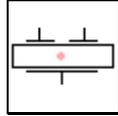


圧電結晶・エレクトロ・遅延線

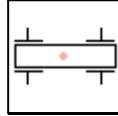
圧電結晶(電極2個)  
cke001



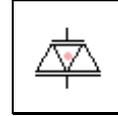
圧電結晶(電極3個)  
cke002



圧電結晶(電極2対)  
cke003



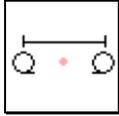
電極をもつエレクトロ  
cke004



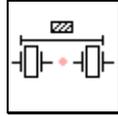
巻線  
cke005



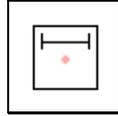
同軸遅延線  
cke006



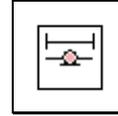
圧電変換器をもつ  
固体遅延線  
cke007



遅延線 / 遅延素子  
cke008



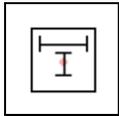
同軸遅延線  
cke009



圧電変換器をもつ  
水銀遅延線  
cke010

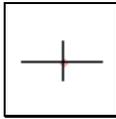
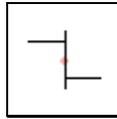
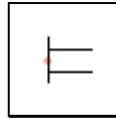
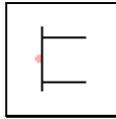
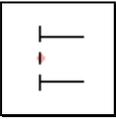
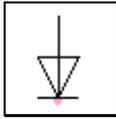
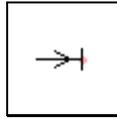
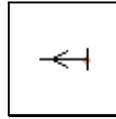
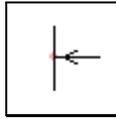
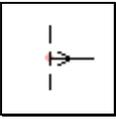
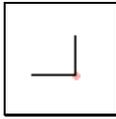
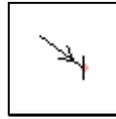
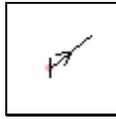
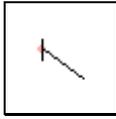
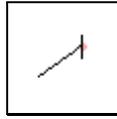
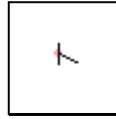
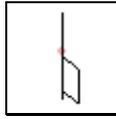
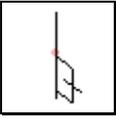
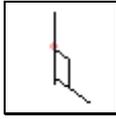
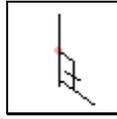


擬似線路遅延線  
cke011

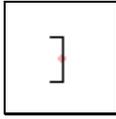
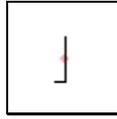
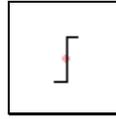
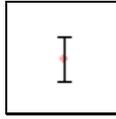


■ 半導体・電子管

半導体素子

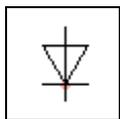
1つのオーミック接続をもつ 半導体領域 cla001 	2つのオーミック接続をもつ 半導体領域 cla002 	2つのオーミック接続をもつ 半導体領域 cla003 	2つのオーミック接続をもつ 半導体領域 cla004 	デプレッション形デバイスの 伝導チャンネル cla005 
インハンスメント形デバイスの 伝導チャンネル cla006 	整流接合 cla007 	N層に影響を与えるP領域 cla008 	P層に影響を与えるN領域 cla009 	P形サブストレート上のNチャ ンネルでデプレッション形IGFET cla010 
N形サブストレート上のPチャ ンネルでインハンスメント形IGFET cla011 	絶縁ゲート cla012 	N領域上にあるPエミッタ cla013 	N領域上にあるPエミッタ cla014 	P領域上にあるNエミッタ cla015 
P領域上にあるNエミッタ cla016 	半導体領域上にある、それ と導電形が異なるコネクタ cla017 	半導体領域上にある、それ と導電形が異なるコネクタ cla018 	異なる導電形領域の間の 遷移 cla019 	異なる導電形領域の間の 真性領域 cla020 
異なる導電形領域の間の 真性領域 cla021 	コネクタとそれと導電形が異なる 領域との間にある真性領域 cla022 	コネクタとそれと導電形が異なる 領域との間にある真性領域 cla023 		

半導体素子に特有な限定図記号

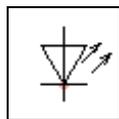
ショットキー効果 clb001 	トンネル効果 clb002 	単方向降伏効果 / ツェナー効果 clb003 	双方向降伏効果 clb004 	バックワード効果 (単トンネル効果) clb005 
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## 半導体ダイオード

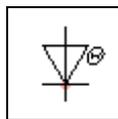
半導体ダイオード  
cld001



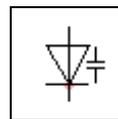
発光ダイオード (LED)  
cld002



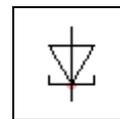
温度検出ダイオード  
cld003



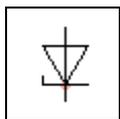
可変容量ダイオード  
/ バラクタ  
cld004



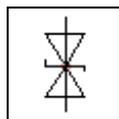
トンネルダイオード  
/ 江崎ダイオード  
cld005



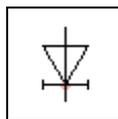
一方方向性降伏ダイオード  
/ 定電圧ダイオード  
/ ツェナーダイオード  
cld006



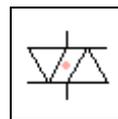
双方向性降伏ダイオード  
cld007



逆方向ダイオード  
(単トンネルダイオード)  
cld008

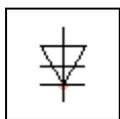


双方向性ダイオード  
cld009

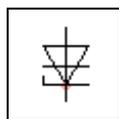


## サイリスタ

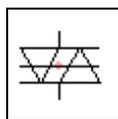
逆阻止2端子サイリスタ  
cld001



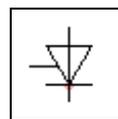
逆伝導2端子サイリスタ  
cld002



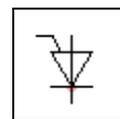
双方向性2端子サイリスタ  
/ タイアック  
cld003



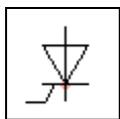
3端子サイリスタ  
(形式無指定)  
cld004



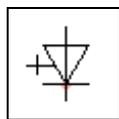
Nゲート逆阻止3端子サイリスタ  
(アノード側を制御)  
cld005



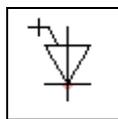
Pゲート逆阻止3端子サイリスタ  
(カソード側を制御)  
cld006



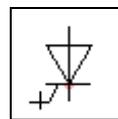
ターンオフ3端子サイリスタ  
(ゲート無指定)  
cld007



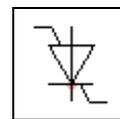
Nゲートターンオフ3端子サイリスタ  
(アノード側を制御)  
cld008



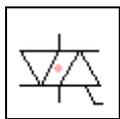
Pゲートターンオフ3端子サイリスタ  
(カソード側を制御)  
cld009



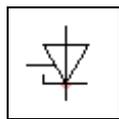
逆阻止4端子サイリスタ  
cld010



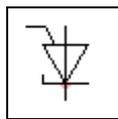
双方向性3端子サイリスタ  
/ トライアック  
cld011



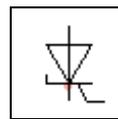
逆伝導3端子サイリスタ  
(ゲート無指定)  
cld012



Nゲート逆伝導3端子サイリスタ  
(アノード側を制御)  
cld013

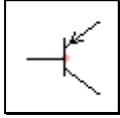


Pゲート逆伝導3端子サイリスタ  
(カソード側を制御)  
cld014

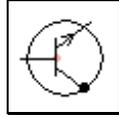


トランジスタ

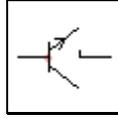
PNPトランジスタ  
cle001



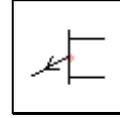
NPNトランジスタ  
cle002



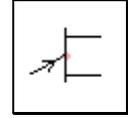
NPNアバランシェトランジスタ  
cle003



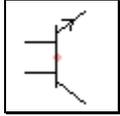
P形ベース単接合トランジスタ  
cle004



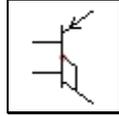
N形ベース単接合トランジスタ  
cle005



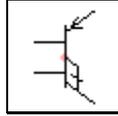
直交方向にバイアスされたベースを持つ、NPNトランジスタ  
cle006



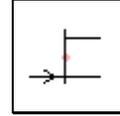
真性領域にオーミット接続を持つ、PNIPトランジスタ  
cle007



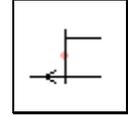
真性領域にオーミット接続を持つ、PNINトランジスタ  
cle008



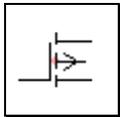
Nチャンネル接合形電界効果トランジスタ  
cle009



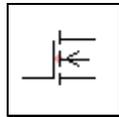
Pチャンネル接合形電界効果トランジスタ  
cle010



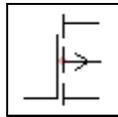
<sup>1</sup>IGFET  
(エンハンスメント形・単ゲート・Pチャンネルのサブストレート接続のない場合)  
cle011



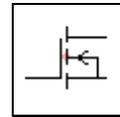
IGFET  
(エンハンスメント形・単ゲート・Nチャンネルのサブストレート接続のない場合)  
cle012



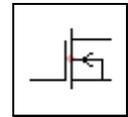
IGFET  
(エンハンスメント形・単ゲート・Pチャンネルのサブストレート接続引出しの場合)  
cle013



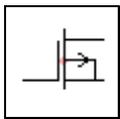
IGFET  
(エンハンスメント形・単ゲート・Nチャンネルのサブストレートを内部でソースと接続している場合)  
cle014



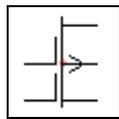
IGFET  
(デプレッション形・単ゲート・Nチャンネルのサブストレート接続のない場合)  
cle015



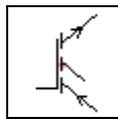
IGFET  
(デプレッション形・単ゲート・Pチャンネルのサブストレート接続のない場合)  
cle016



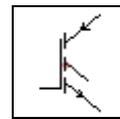
IGFET  
(デプレッション形・双ゲート・Nチャンネルのサブストレート接続引出しの場合)  
cle017



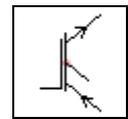
<sup>2</sup>IGBT  
(エンハンスメント形・Pチャンネル)  
cle018



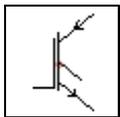
IGBT  
(エンハンスメント形・Nチャンネル)  
cle019



IGBT  
(デプレッション形・Pチャンネル)  
cle020



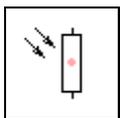
IGBT  
デプレッション形・Nチャンネル  
(cle021)



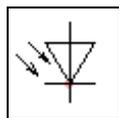
<sup>1</sup>IGFET = 絶縁ゲート形電界効果トランジスタ    <sup>2</sup>IGBT = 絶縁ゲートバイポーラトランジスタ

光電素子・磁界感应素子

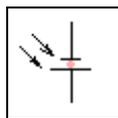
光応答抵抗素子 / 光導電セル / 対称形導電特性光導電素子  
clf001



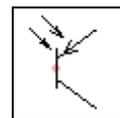
フォトダイオード / 非対称形導電特性光導電素子  
clf002



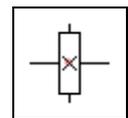
フォトセル  
clf003



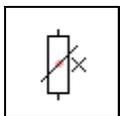
フォトトランジスタ (PNPタイプ)  
clc004



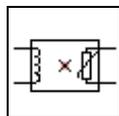
4端子ホール素子  
clf005



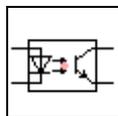
磁気抵抗素子 (リニアタイプ)  
clf006



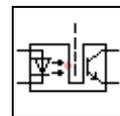
磁気結合デバイス / 磁気アイソレータ  
clf007



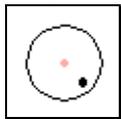
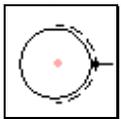
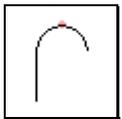
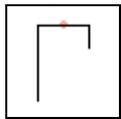
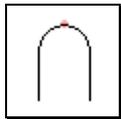
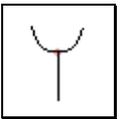
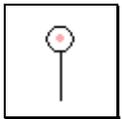
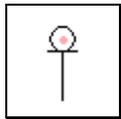
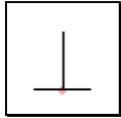
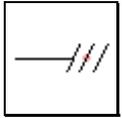
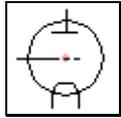
オプトラ / フォトグラ / オプタイソレータ  
clf008



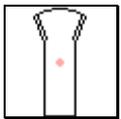
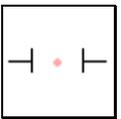
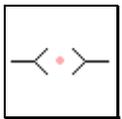
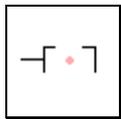
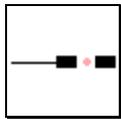
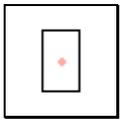
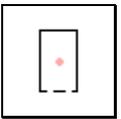
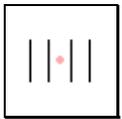
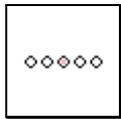
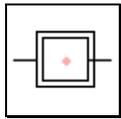
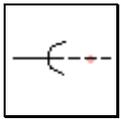
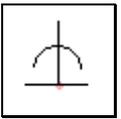
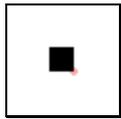
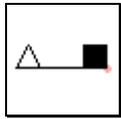
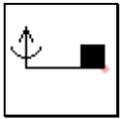
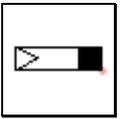
光バリア用溝付光結合デバイス (機械式バリア付)  
clf009



電子管

<p>ガス入り外囲器 clg001</p> 	<p>外部スクリーン付き外囲器 clg002</p> 	<p>外囲器内面の導電被覆 clg003</p> 	<p>傍熱陰極 clg004</p> 	<p>傍熱陰極 clg005</p> 
<p>直熱陰極 clg006</p> 	<p>直熱陰極 clg007</p> 	<p>光陰極 clg008</p> 	<p>冷陰極 / イオン加熱陰極 clg009</p> 	<p>陽極及び / 又は冷陰極の動きをする複合電極 clg010</p> 
<p>陽極 clg011</p> 	<p>蛍光ターゲット clg012</p> 	<p>グリッド clg013</p> 	<p>イオン拡散バリア clg014</p> 	<p>直熱陰極形3極管 clg015</p> 
<p>サイترون / 傍熱陰極形ガス入り3極管 clg016</p> 	<p>傍熱陰極形5極管 clg017</p> 	<p>傍熱陰極形3極6極管 clg018</p> 	<p>傍熱陰極形同調指示管 (マジックアイ) clg019</p> 	

ブラウン管・テレビジョン撮像管

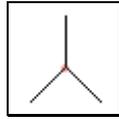
<p>ブラウン管外形 clh001</p> 	<p>ブラウン管外形 clh002</p> 	<p>横方向偏向電極 clh003</p> 	<p>横方向偏向電極 clh004</p> 	<p>輝度変調電極 clh005</p> 
<p>アパーチャ付き集束電極 clh006</p> 	<p>円筒形集束電力 / ドリフト空間電力 clh007</p> 	<p>グリッド付円筒形集束電極 clh008</p> 	<p>多重アパーチャ電極 clh009</p> 	<p>量子化電極 / サンプル電極 clh010</p> 
<p>放射方向偏向電極 clh011</p> 	<p>2次電子放出グリッド clh012</p> 	<p>2次電子放出陽極 / ダイノド clh013</p> 	<p>光電子放出電極 clh014</p> 	<p>蓄積電極 clh015</p> 
<p>光電子放出蓄積電極 clh016</p> 	<p>矢印の方向に2次電子を放出する蓄積電極 clh017</p> 	<p>光導電性蓄積電極 clh018</p> 		

マイクロ波管

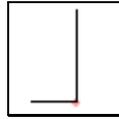
傍熱陰極 (簡略図)  
cli001



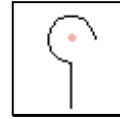
反射電極 (リフレクタ)  
cli002



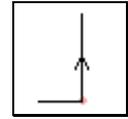
低速波閉回路に使用する  
電子非放出基部  
cli003



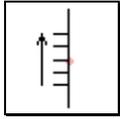
低速波閉回路に使用する  
電子非放出基部  
cli004



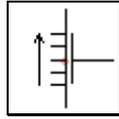
電子放出基部  
cli005



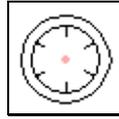
低速波閉回路  
cli006



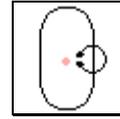
低速波閉回路に沿った電界  
集束に使用する単一電極  
cli007



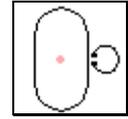
低速波閉回路  
cli008



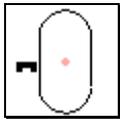
電子管と一体構造になっ  
ている、空洞共振器  
cli009



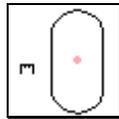
一部又は全部が電子管の  
外側にある、空洞共振器  
cli010



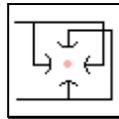
直交磁界用永久磁石  
cli011



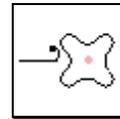
直交磁界用電磁石  
cli012



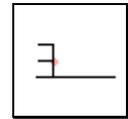
4極子  
cli013



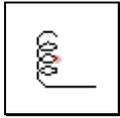
ループ結合器付4極子  
cli014



低速波結合器  
cli015

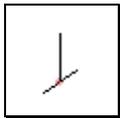


ヘリカル結合器  
cli016

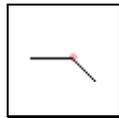


水銀整流器・その他の電子管

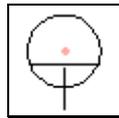
X線管陽極  
clj001



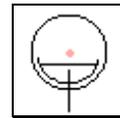
始動電極 / トリガ電極  
/ 点弧電極  
clj002



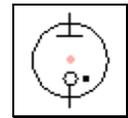
水銀陰極 (外圍器付)  
clj003



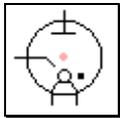
絶縁された水銀陰極  
clj004



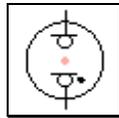
ガス入り冷陰極放電管  
clj005



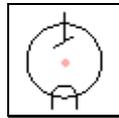
補助加熱を伴うイオン加熱  
陰極形アークレ-放電管  
clj006



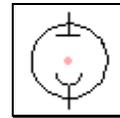
対称形ガス入り  
冷陰極放電管  
clj007



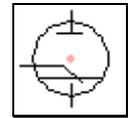
直熱陰極形X線管  
clj008



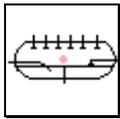
光電管 / 光電2極管  
clj009



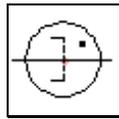
クナイフ  
clj010



整流器  
clj011

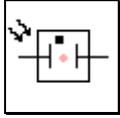


送信 / 受信管  
clj012

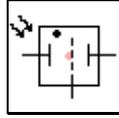


## 電離放射線検出器

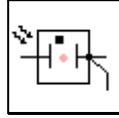
電離箱  
clk001



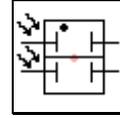
グリッド付き電離箱  
clk002



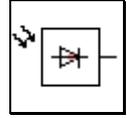
ガードリング付き電離箱  
clk003



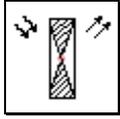
補償形電離箱  
clk004



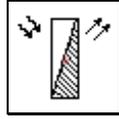
半導体検出器  
clk005



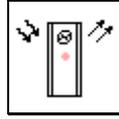
シンチレーション検出器  
clk006



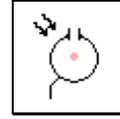
チレンコフ検出器  
clk007



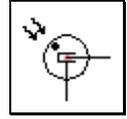
熱ルミネセンス検出器  
clk008



ファラデーカップ  
clk009



計数管  
clk010

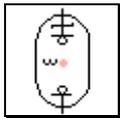


ガードリング付き計数管  
clk011

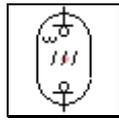


## 電気化学デバイス

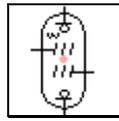
電量計  
cli001



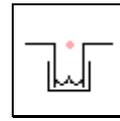
リオンダイオード  
cli002



リオンテトロード  
cli003

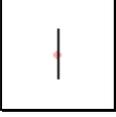
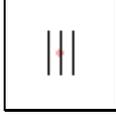
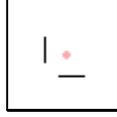
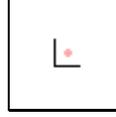
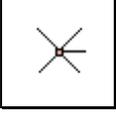
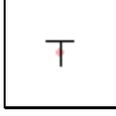
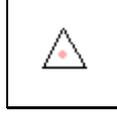
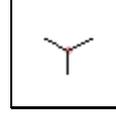
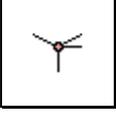
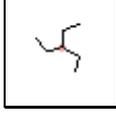
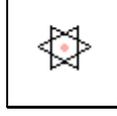
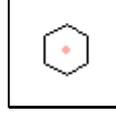
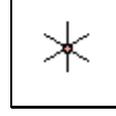
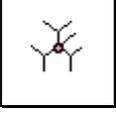


伝導度測定用セル  
cli004

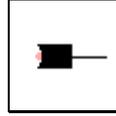
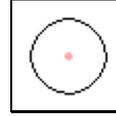
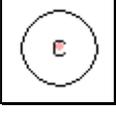
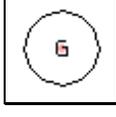
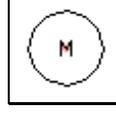
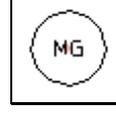
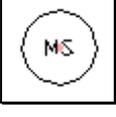
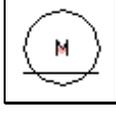
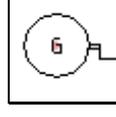


■ 電気エネルギーの発生・変換

巻線

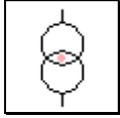
<p>単巻線 cma001</p> 	<p>3巻線 cma002</p> 	<p>分離二相結線 cma003</p> 	<p>二相巻線 cma004</p> 	<p>三相巻線 / V 結線 cma005</p> 
<p>中性点を引出した四相巻線 cma006</p> 	<p>三相巻線 / T 結線 cma007</p> 	<p>三相巻線 / 三角結線 cma008</p> 	<p>三相巻線 / 開放三角結線 cma009</p> 	<p>三相巻線 / 星形結線 cma010</p> 
<p>中性点を引出した三相巻線 / 星形結線 cma011</p> 	<p>三相巻線 / 千鳥結線 / 相互接続星形結線 cma012</p> 	<p>六相巻線 / 二重三角結線 cma013</p> 	<p>六相巻線 / 多角結線 cma014</p> 	<p>六相巻線 / 星形結線 cma015</p> 
<p>中世点を引出した六相巻線 / フォーク結線 cma016</p> 				

回転機

<p>整流用または補償巻線 cmb001</p> 	<p>直列巻線 cmb002</p> 	<p>並列巻線 cmb003</p> 	<p>ブラシ cmb004</p> 	<p>回転機 cmb005</p> 
<p>回転機 属性付 cmb006</p> 	<p>回転機 属性付 cmb007</p> 	<p>回転機 属性付 cmb008</p> 	<p>回転機 属性付 cmb009</p> 	<p>回転機 属性付 cmb010</p> 
<p>回転変流機 cmb011</p> 	<p>発電機 cmb012</p> 	<p>同期発電機 cmb013</p> 	<p>電動機 cmb014</p> 	<p>発電機 cmb015</p> 
<p>同期電動機 cmb016</p> 	<p>リアモータ cmb017</p> 	<p>ステッピングモータ (ハルスモータ) cmb018</p> 	<p>手動発電機 (磁石式発呼装置) cmb019</p> 	

## 変圧器・リアクトル

2巻線変圧器  
cmc001



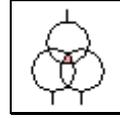
2巻線変圧器  
cmc002



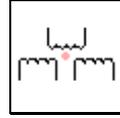
2巻線変圧器  
cmc003



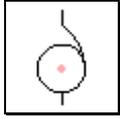
3巻線変圧器  
cmc004



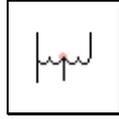
3巻線変圧器  
cmc005



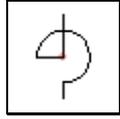
単巻変圧器  
cmc006



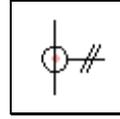
単巻変圧器  
cmc007



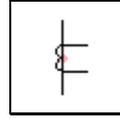
チョーク／リアクトル  
cmc008



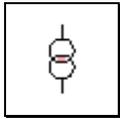
変流器／パルス変成器  
cmc009



変流器／パルス変成器  
cmc010



計器用変圧器  
cmc011



計器用変圧器  
cmc012

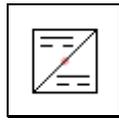


## 電力変換装置

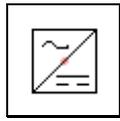
変換装置  
cmd001



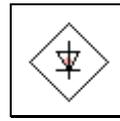
直流 - 直流変換装置  
cmd002



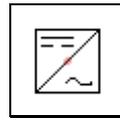
整流器  
cmd003



全波接続の整流器  
cmd004



インバータ  
cmd005

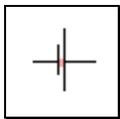


順・逆変換装置  
cmd006



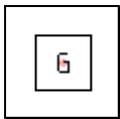
## 1次電池・2次電池

1次電池 / 2次電池  
cme001

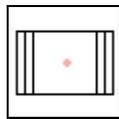


## 発電機

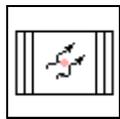
発電機  
cmf001



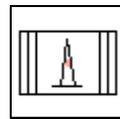
熱源  
cmf002



ラジオアイソトープによる熱源  
cmf003



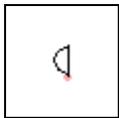
燃焼による熱源  
cmf004



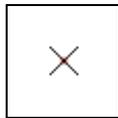
■ 開閉装置・制御装置・保護装置

装置用図記号

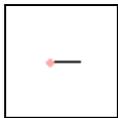
接点機能  
cna001



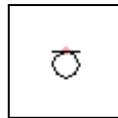
遮断機能  
cna002



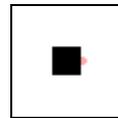
断路機能  
cna003



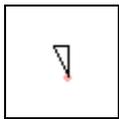
負荷開閉機能  
cna004



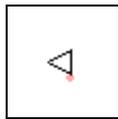
継電器又は開放機構を備えた自動引外し機能  
cna005



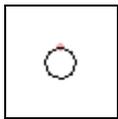
位置スイッチ機能  
cna006



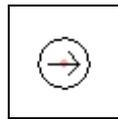
自動復帰機能  
cna007



非自動復帰機能  
cna008

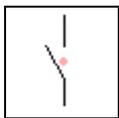


スイッチの确实動作  
cna009

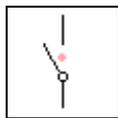


2位置または3位置接点

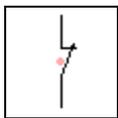
メーク接点  
cnb001



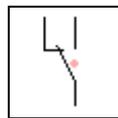
メーク接点  
cnb002



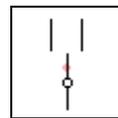
ブレイク接点  
cnb003



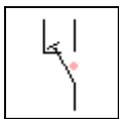
非オーバーラップ切替接点  
cnb004



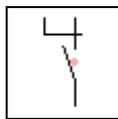
中間オ位置付き切替接点  
cnb005



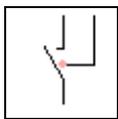
オーバーラップ切替接点  
cnb006



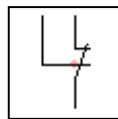
オーバーラップ切替接点  
cnb007



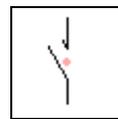
3端子二重メーク接点  
cnb008



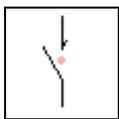
3端子二重ブレイク接点  
cnb009



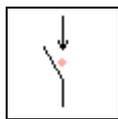
動作瞬時接点  
cnb010



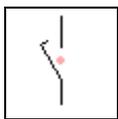
復帰瞬時接点  
cnb011



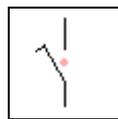
動作復帰瞬時接点  
cnb012



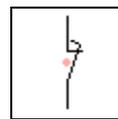
オーバーラップメーク接点  
cnb013



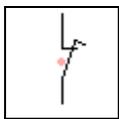
オーバーラップメーク接点  
cnb014



オーバーラップブレイク接点  
cnb015



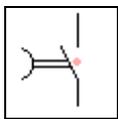
オーバーラップブレイク接点  
cnb016



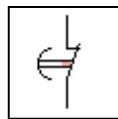
限時動作瞬時復帰のメーク接点  
cnb017



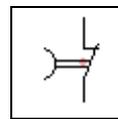
瞬時動作限時復帰のメーク接点  
cnb018



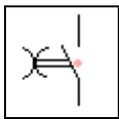
限時動作瞬時復帰のブレイク接点  
cnb019



動作限時復帰のブレイク接点  
cnb020



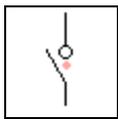
限時動作限時復帰のメーク接点  
cnb021



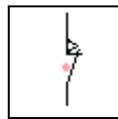
自動復帰するメーク接点  
cnb022



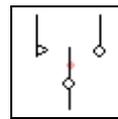
自動復帰しないメーク接点  
cnb023



自動復帰するブレイク接点  
cnb024

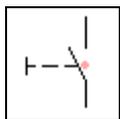


双方向接点  
cnb025

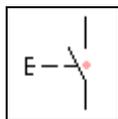


スイッチ・開閉装置

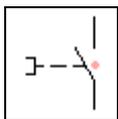
手動操作スイッチ  
cnc001



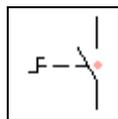
押しボタンスイッチ  
cnc002



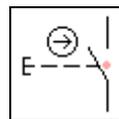
引きボタンスイッチ  
cnc003



ひねりスイッチ  
cnc004



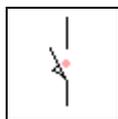
押しボタンスイッチ  
cnc005



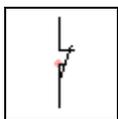
非常停止スイッチ  
cnc006



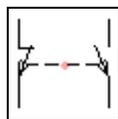
メーク接点のリミットスイッチ  
cnc007



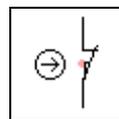
ブレイク接点のリミットスイッチ  
cnc008



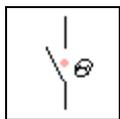
リミットスイッチ  
cnc009



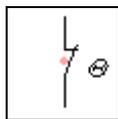
リミットスイッチ  
cnc010



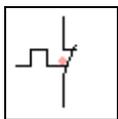
メーク接点の温度感知スイッチ  
cnc011



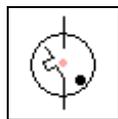
ブレイク接点の温度感知スイッチ  
cnc012



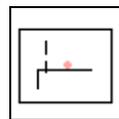
ブレイク接点の自己動作温度スイッチ  
cnc013



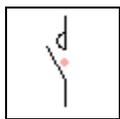
感音体付き気体放電管  
/ 蛍光灯用始動器  
cnc014



複合スイッチ  
cnc015



電磁接触器  
cnc016



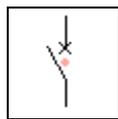
自動引外し装置付き  
電磁接触器  
cnc017



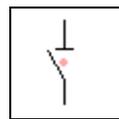
電磁接触器  
cnc018



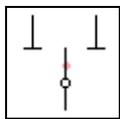
遮断器  
cnc018



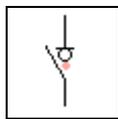
断路器  
cnc020



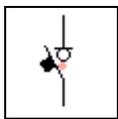
双投形断路器  
cnc021



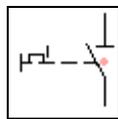
負荷開閉器  
cnc022



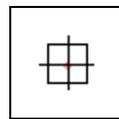
自動引外し装置付き  
負荷開閉器  
cnc023



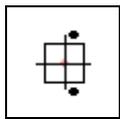
閉塞装置付き  
手動操作断路器  
cnc024



引外し自由機構  
(トップフリー)  
cnc025

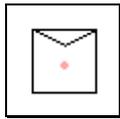


引外し自由機構  
(トップフリー)  
cnc026

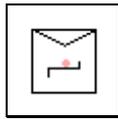


始動器

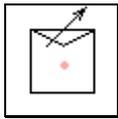
電動機始動器  
cnd001



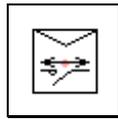
ステップ形の始動器  
cnd002



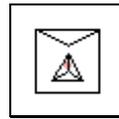
始動調整器  
cnd003



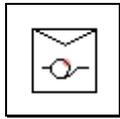
酒回路直結始動器  
cnd004



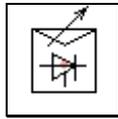
スターデルタ始動器  
cnd005



単巻変圧器を使用する  
始動器  
cnd006

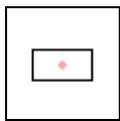


サイリスタを使用する  
始動調整器  
cnd007

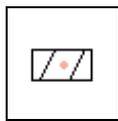


補助継電器(作動装置)

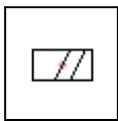
作動装置 / 継電器コイル  
cne001



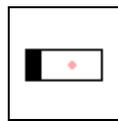
2巻線を持つ作動装置  
cne002



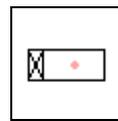
2巻線を持つ作動装置  
cne003



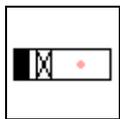
遅緩復旧形継電器コイル  
cne004



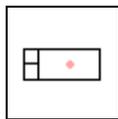
遅緩動作形継電器コイル  
cne005



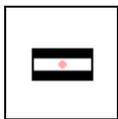
遅緩動作形及び  
遅緩復旧形継電器コイル  
cne006



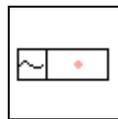
高速動作形継電器コイル  
cne007



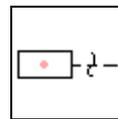
交流不感動形継電器コイル  
cne008



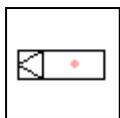
交流感動形継電器コイル  
cne009



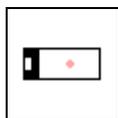
機械的共振形継電器コイル  
cne010



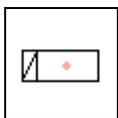
機械的ラッキング形継電器コイル  
cne011



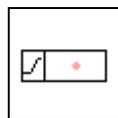
有極形継電器コイル  
cne012



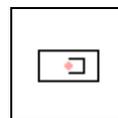
レナント形継電器コイル  
cne013



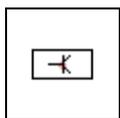
レナント形継電器コイル  
cne014



熱電動継電器で  
構成される作動器  
cne015

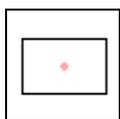


電子式継電器で  
構成される作動装置  
cne016

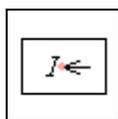


保護継電器

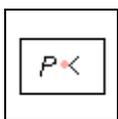
保護継電器  
cnf001



逆電流継電器  
cnf002



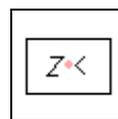
不足電力継電器  
cnf003



限時形過電流継電器  
cnf004



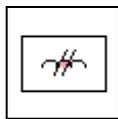
不足インピーダンス  
cnf005



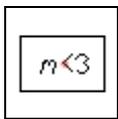
巻線層間短絡検出  
継電器  
cnf006



導体遮断線検出継電器  
cnf007



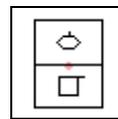
三相系統の欠相検出  
継電器  
cnf008



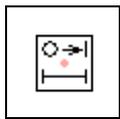
電流測定による回転子の  
拘束検出継電器  
cnf009



フリップホルト保護装置  
cnf010

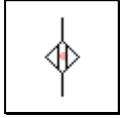


自動再開路用装置 /  
自動再開路継電器  
cnf011

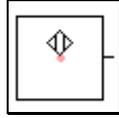


近接装置・触れ感応装置

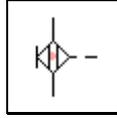
近接センサ  
cng001



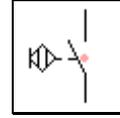
近接検出装置  
cng002



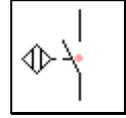
触れセンサ  
cng003



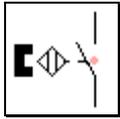
触れ感応スイッチ(メーク接点)  
cng004



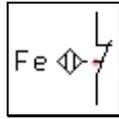
近接スイッチ(メーク接点)  
cng005



磁石の接近で作動する近接スイッチ(ブレイク接点)  
cng006

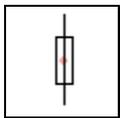


鉄の接近で作動する近接スイッチ(ブレイク接点)  
cng007

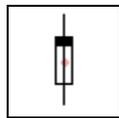


保護装置

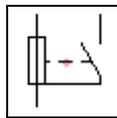
ヒューズ  
cnh001



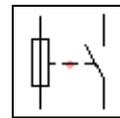
ヒューズ  
cnh002



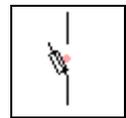
警報接点付きヒューズ  
cnh003



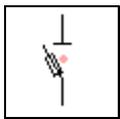
警報回路が備わったヒューズ  
cnh004



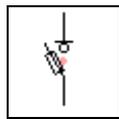
ヒューズ付き遮断器  
cnh005



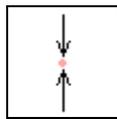
ヒューズ付き断路器  
cnh006



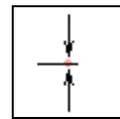
ヒューズ付き負荷開閉器  
cnh007



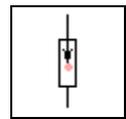
放電キャップ  
cnh008



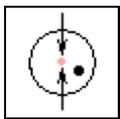
二重放電キャップ  
cnh009



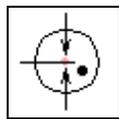
避雷器  
cnh010



保護ガス封入形放電管  
cnh011

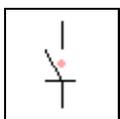


保護ガス封入対称形放電管  
cnh012



静止形スイッチ・静止形開閉装置

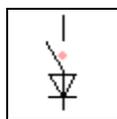
静止形スイッチ  
cni001



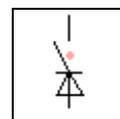
静止形接触器  
cni002



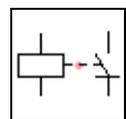
一方向にだけ電流を流す  
静止形スイッチ  
cni003



一方向にだけ電流を流す  
静止形スイッチ  
cni004



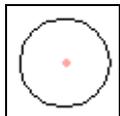
静止形継電器  
cni005



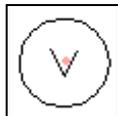
計器・ランプ・信号装置

指示計器

指示計器  
coa001



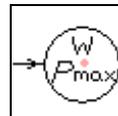
電圧計  
coa002



無効電流計  
coa003



積算計によって作動される  
最大需要電力計  
coa004



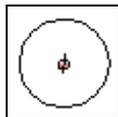
無効電力計  
coa005



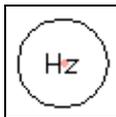
力率計  
coa006



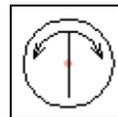
位相計  
coa007



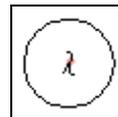
周波数計  
coa008



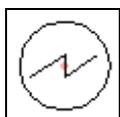
同期検定器  
coa009



波形計  
coa010



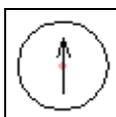
オシロスコープ  
coa011



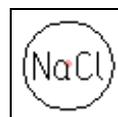
差動形電圧計  
coa012



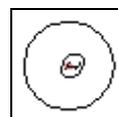
検流計  
coa013



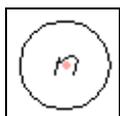
塩分計  
coa014



温度計 / 高温計  
coa015

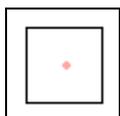


回転計  
coa016



記録計

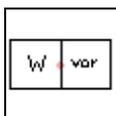
記録計  
cob001



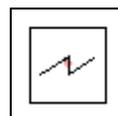
記録電力計  
cob002



記録電力計  
(記録無効電力計付き)  
cob003

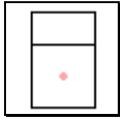


オシログラフ  
cob004

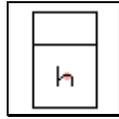


## 積算計

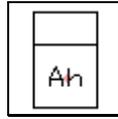
積算計  
coc001



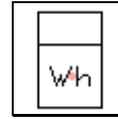
時間計 / 時間計数器  
coc002



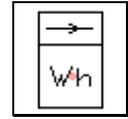
積算電流計  
coc003



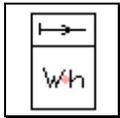
電力量計  
coc004



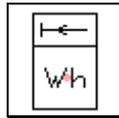
一方に流れるエネルギーを  
測定する電力量計  
coc005



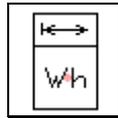
母線から流出するエネルギーを  
測定する電力量計  
coc006



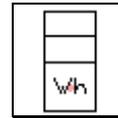
母線へ流入するエネルギーを  
測定する電力量計  
coc007



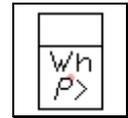
両方向へ流れるエネルギーを  
測定する電力量計  
coc008



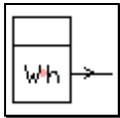
多種料金計 (2種料金)  
coc009



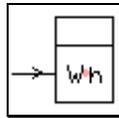
過電力量計  
coc010



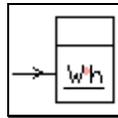
変換器付き電力量計  
coc011



従属電力量計  
coc012



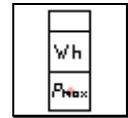
印字測定付き  
従属電力量計  
coc013



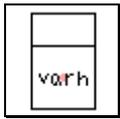
最大需要電力計付き  
電力量計  
coc014



最大需要電力記録付き  
電力量計  
coc015

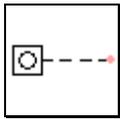


無効電力量計  
coc016

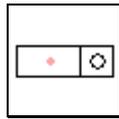


## 計数装置

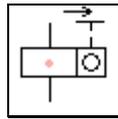
事象数を計数する機能  
cod001



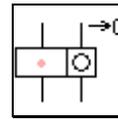
パルス表示器  
cod002



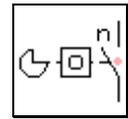
手でリセットできる  
パルス表示器  
cod003



電氣的に0にリセットする  
パルス表示器  
cod004

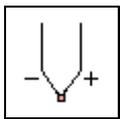


カム作動形計数装置  
属性付  
cod005

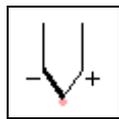


## 熱電計

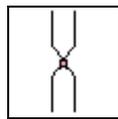
積算計  
coe001



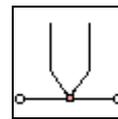
時間計 / 時間計数器  
coe002



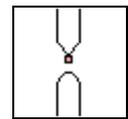
積算電流計  
coe003



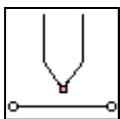
電力量計  
coe004



一方に流れるエネルギーを  
測定する電力量計  
coe005

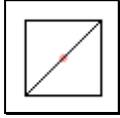


母線から流出するエネルギーを  
測定する電力量計  
coe006



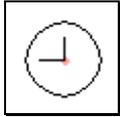
遠隔測定装置

信号変換器  
cof001

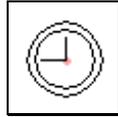


電気時計

時計 / 子時計  
cog001



親時計  
cog002



接点付き時計  
cog003

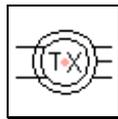


同期装置・トルク変換器・ジャイロ

同期装置 属性付  
coh001



トルク変換器  
coh002

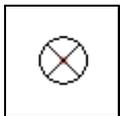


ジャイロ  
coh003

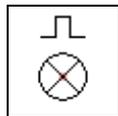


ランプ・信号報知装置

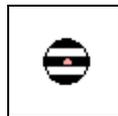
ランプ / 信号ランプ  
coi001



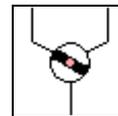
せん光形の信号ランプ  
coi002



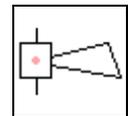
電気機械式表示器  
coi003



電気機械式位置表示器  
coi004



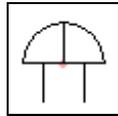
ホーン  
coi005



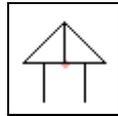
ハル  
coi006



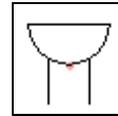
片打ハル  
coi007



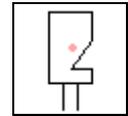
サイレン  
coi008



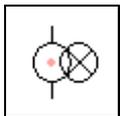
ブザー  
coi009



笛  
coi010



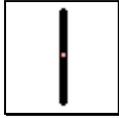
変圧器付き表示ランプ  
coi011



■ 電気通信: 交換機器・周辺機器

交換システム用図記号

接続階てい  
cpa001



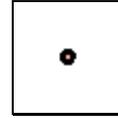
向き  
cpa002



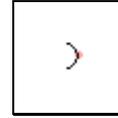
向き  
cpa003



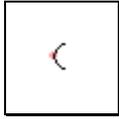
マーキング階てい  
cpa004



交換階てい  
cpa005

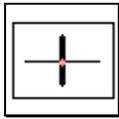


交換階てい  
cpa006

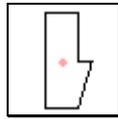


交換機用図記号

自動交換機  
cpb001

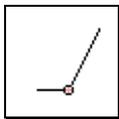


手動台  
cpb002

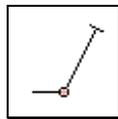


セレクタ

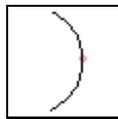
セレクタのワイバ (ノンブリッジ形)  
cpc001



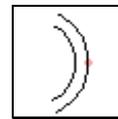
セレクタのワイバ (ブリッジ形)  
cpc002



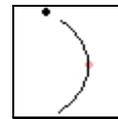
1段動作セレクタの  
アーク又はバンク  
cpc003



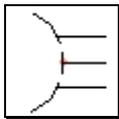
2段動作セレクタの  
アーク又はバンク  
cpc004



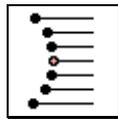
特定の位置を1ヶ所設けた  
セレクタのアーク  
cpc005



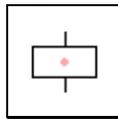
出線又は接点を示している  
セレクタのレベル  
cpc006



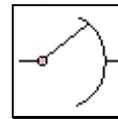
個々の出線又は接点を  
示しているセレクタのレベル  
cpc007



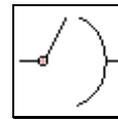
セレクタの作動コイル  
cpc008



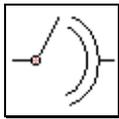
1段動作セレクタ  
(ホームポジションなし)  
cpc009



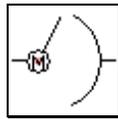
1段動作セレクタ  
(ホームポジション付)  
cpc010



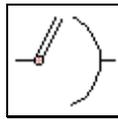
2段動作セレクタ  
(ホームポジションなし)  
cpc011



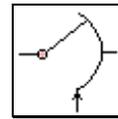
電動式セレクタ  
(ホームポジション付)  
cpc012



4線交換用セレクタ  
(ホームポジション付)  
cpc013

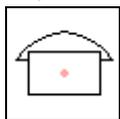


バンクの表示された接点を  
通る1段階セレクタ  
cpc014

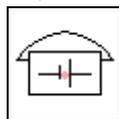


## 電話機

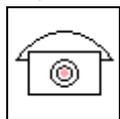
電話機  
cpd001



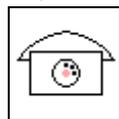
ローカル電池式電話機  
cpd002



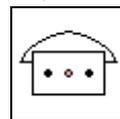
共電式電話機  
cpd003



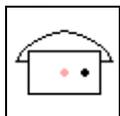
ダイヤル式電話機  
cpd004



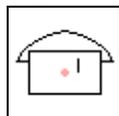
プッシュボタン式電話機  
cpd005



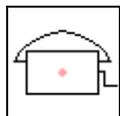
ダイヤリング又は特殊なキー  
又はプッシュボタン式電話機  
cpd006



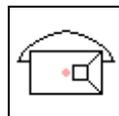
コイン(カード)式電話機  
cpd007



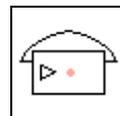
磁石式電話機  
cpd008



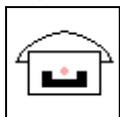
スピーカ機能付き電話機  
cpd009



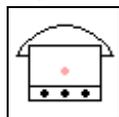
増幅機能付き電話機  
cpd010



無電池式電話機  
cpd011

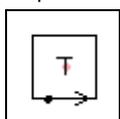


複数回線用電話機  
cpd012

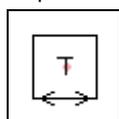


## 電信・データ通信装置

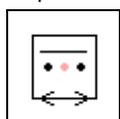
電信用送信装置  
cpe001



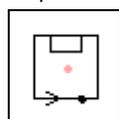
2方向シブプレックス形  
電信用送受信装置  
cpe002



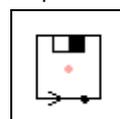
テープ式印刷受信機  
(キーボード送信機付)  
cpe003



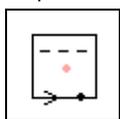
ページ式印刷受信機  
cpe004



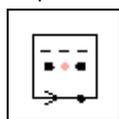
ファクシミリ受信機  
cpe005



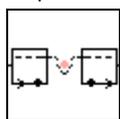
自動さん孔送信機  
cpe006



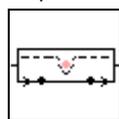
キーボードさん孔機  
cpe007



セパレート形の受信さん孔機  
及び自動送信機  
cpe008

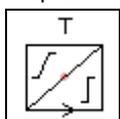


一体形の受信さん孔機  
及び自動送信機  
cpe009

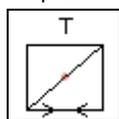


## 電信中継器

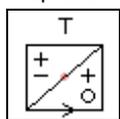
再生式電信中継器  
cpf001



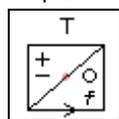
デュプレックス形電信中継器  
cpf002



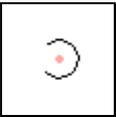
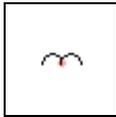
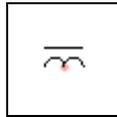
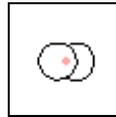
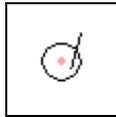
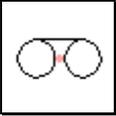
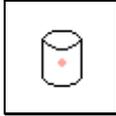
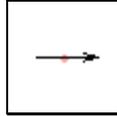
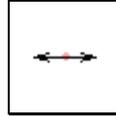
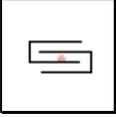
一方向形復流/単流式  
電信中継器  
cpf003



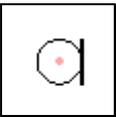
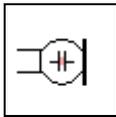
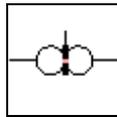
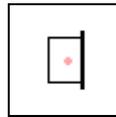
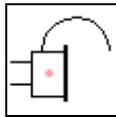
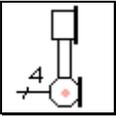
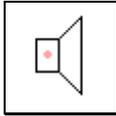
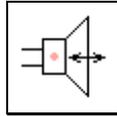
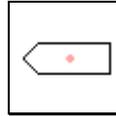
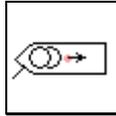
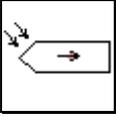
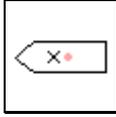
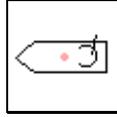
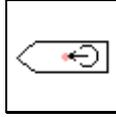
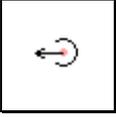
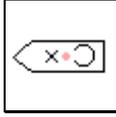
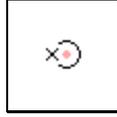
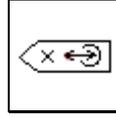
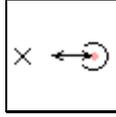
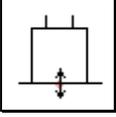
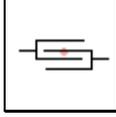
復流/交流式  
電信中継器  
cpf004



変換器・記録機・再生機用図記号

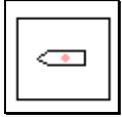
<p>磁気タイプ cpg001</p> 	<p>可動コイル又はリボンタイプ cpg002</p> 	<p>可動鉄片タイプ cpg003</p> 	<p>ステレオタイプ cpg004</p> 	<p>ディスクタイプ cpg005</p> 
<p>テープ又はフィルムタイプ cpg006</p> 	<p>ドラムタイプ cpg007</p> 	<p>記録又は再生 cpg008</p> 	<p>記録及び再生 cpg009</p> 	<p>消去 cpg010</p> 
<p>表面弾性波 (SAW) cpg011</p> 				

変換器

<p>マイクロホン cph001</p> 	<p>静電気形マイクロホン / コンデンサマイクロホン cph002</p> 	<p>プッシュプルマイクロホン cph003</p> 	<p>イヤホン cph004</p> 	<p>ヘッドホン (片耳用) cph005</p> 
<p>ハンドセット cph006</p> 	<p>スピーカ cph007</p> 	<p>スピーカマイクロホン cph008</p> 	<p>変換器ヘッド cph009</p> 	<p>再生針式ステレオホニックの再生 cph010</p> 
<p>受光式モノホニックの再生ヘッド cph011</p> 	<p>消去ヘッド cph012</p> 	<p>トラック磁気ヘッド cph013</p> 	<p>トラック磁気ヘッド cph014</p> 	<p>モノホニックの磁気書込ヘッド cph015</p> 
<p>モノホニックの磁気書込ヘッド cph016</p> 	<p>磁気消去ヘッド cph017</p> 	<p>磁気消去ヘッド cph018</p> 	<p>モノホニックの書込・読取 ・消去用磁気ヘッド cph019</p> 	<p>モノホニックの書込・読取 ・消去用磁気ヘッド cph020</p> 
<p>超音波送受信機 / 水中聴音機 cph021</p> 	<p>表面弾性波 (SAW) 変換器 cph022</p> 			

記録機・再生機

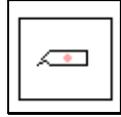
記録機 / 再生機  
cpi001



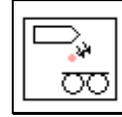
磁気ドラム形  
記録機 / 再生機  
cpi002



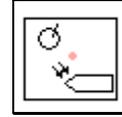
再生針式再生機  
cpi003



発光式ヘッドの  
フィルムタイプ記録機  
cpi004



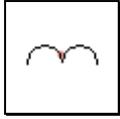
受光式ヘッドの  
ディスクタイプ再生機  
cpi005



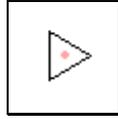
■ 電気通信: 伝送

電気通信回路用図記号

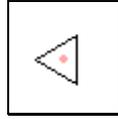
コイル装荷線路  
/ 誘導装荷線路  
cqa001



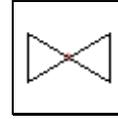
単方向増幅  
cqa002



単方向増幅  
cqa003

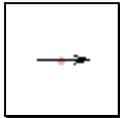


双方向増幅  
cqa004

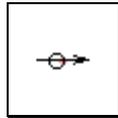


アンテナ・無線局用図記号

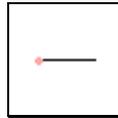
平面偏波  
cqb001



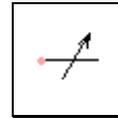
円偏波  
cqb002



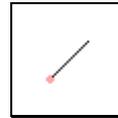
放射方向(方位固定)  
cqb003



放射方向(方位可変)  
cqb004



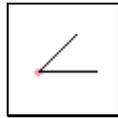
放射方向(仰角固定)  
cqb005



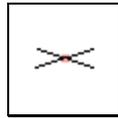
放射方向(仰角可変)  
cqb006



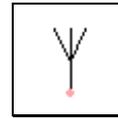
放射方向  
(方位及び仰角固定)  
cqb007



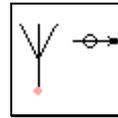
方位測定/ラジオ-コン  
cqb008



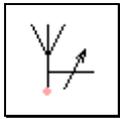
アンテナ  
cqb009



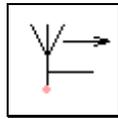
円偏波アンテナ  
cqb010



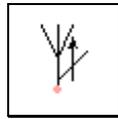
方位可変アンテナ  
cqb011



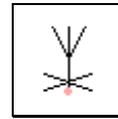
方位固定アンテナ(水平偏波)  
cqb012



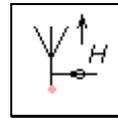
仰角可変アンテナ  
cqb013



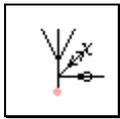
方位測定アンテナ  
cqb014



方位固定アンテナ  
cqb015



レーダアンテナ  
cqb016

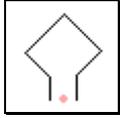


ターンスタイルアンテナ  
cqb017

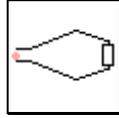


特殊アンテナ・アンテナ部品

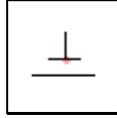
ループアンテナ  
cqc001



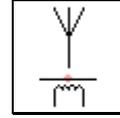
ロビックアンテナ  
cqc002



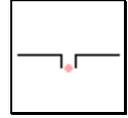
カウンタポイズ  
cqc003



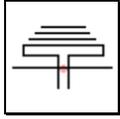
磁気ロッド・アンテナ  
cqc004



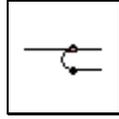
ダイポール  
cqc005



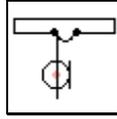
ホルテッドダイポール  
cqc006



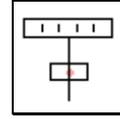
ハラソ  
cqc007



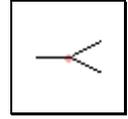
ホルテッドダイポール  
cqc008



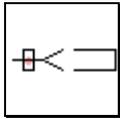
スロットアンテナ  
cqc009



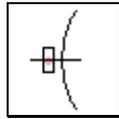
ホーンアンテナ / ホーンフィールド  
cqc010



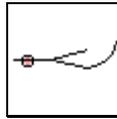
ホーンフィールド付チース反射器  
cqc011



ハラハラアンテナ  
cqc012

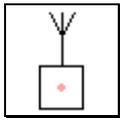


ホーンリフレクタアンテナ  
cqc013

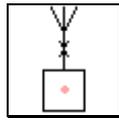


無線局

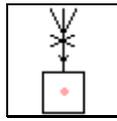
無線局  
cqd001



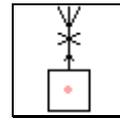
送受信無線局  
cqd002



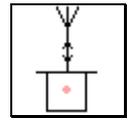
方向探知無線受信局  
cqd003



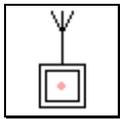
ラジオビコン送信局  
cqd004



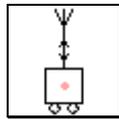
携帯無線局  
cqd005



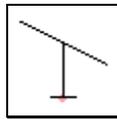
制御無線局  
cqd006



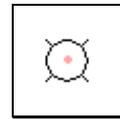
車載無線局  
cqd007



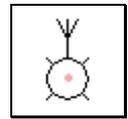
無給電中継局  
cqd008



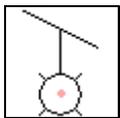
宇宙局  
cqd009



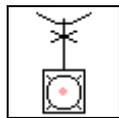
能動宇宙局  
cqd010



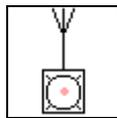
受動宇宙局  
cqd011



宇宙局追尾専用の地球局  
cqd012

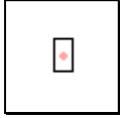


宇宙局との通信サービス用  
地球局  
cqd013

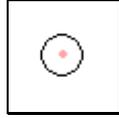


伝送路

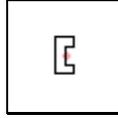
方形導波管  
cqe001



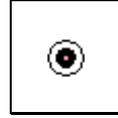
円形導波管  
cqe002



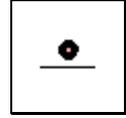
リッジ導波管  
cqe003



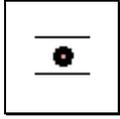
同軸導波管  
cqe004



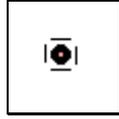
2導体ストリップライン  
cqe005



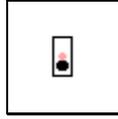
3導体ストリップライン  
cqe006



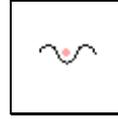
Gライン  
cqe007



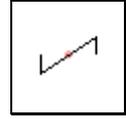
ガス充てん方形導波管  
cqe008



可とう導波管  
cqe009



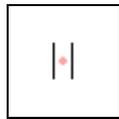
ねじれ導波管  
cqe010



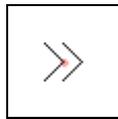
モード抑圧 属性付  
cqe011



一対の対称導波管用  
コネクタ  
cqe012



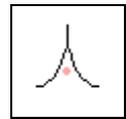
一対の非対称導波管用  
コネクタ  
cqe013



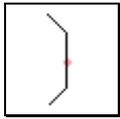
対称コネクタ付き  
ロータリジョイント  
cqe014



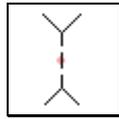
共振器  
cqe015



全反射する反射器  
cqe016

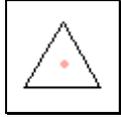


部分反射する反射器  
cqe017

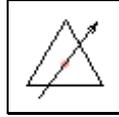


1ポート・2ポート素子

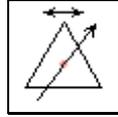
不連続端子  
cqf001



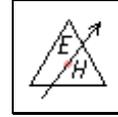
可変不連続素子  
又は整合器  
cqf002



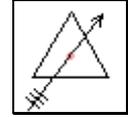
スライド同調器  
cqf003



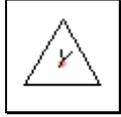
E - H同調器  
cqf004



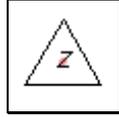
多重スタブ同調器 (3スタブ)  
cqf005



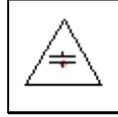
伝送路と並列の  
不連続素子  
cqf006



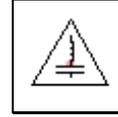
伝送路と直列の  
不連続素子  
cqf007



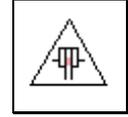
伝送路と並列の  
容量性不連続素子  
cqf008



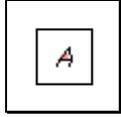
伝送路と並列の  
直列共振不連続素子  
cqf009



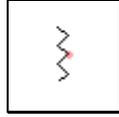
伝送路と直列の  
並列共振不連続素子  
cqf010



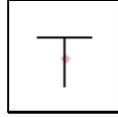
減衰器  
cqf011



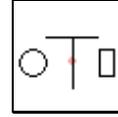
減衰器  
cqf012



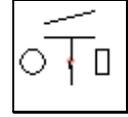
変換  
cqf013



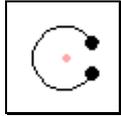
円形導波管から方形導波  
管への変換  
cqf014



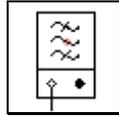
円形導波管から方形導波  
管へのテール変換  
cqf015



空洞共振器  
cqf016



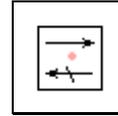
ガス放出によって切り替る  
帯域フィルタ  
cqf017



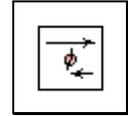
モードフィルタ  
cqf018



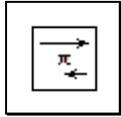
アイソレータ  
cqf019



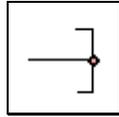
方向性位相調整器  
cqf020



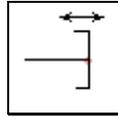
ジャイレータ  
cqf021



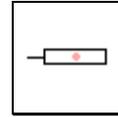
短絡器  
cqf022



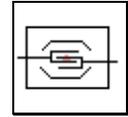
スライド式短絡器  
cqf023



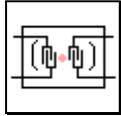
整合終端  
cqf024



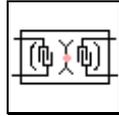
1ポート表面弾性波素子  
cqf025



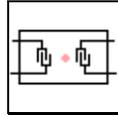
2ポート表面弾性波素子  
cqf026



2ポート表面弾性波素子  
cqf027

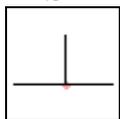


2ポート表面弾性波素子  
cqf028

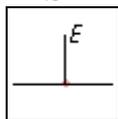


## 多ポート素子

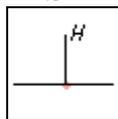
T分岐  
cqg001



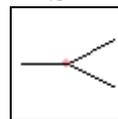
T分岐  
cqg002



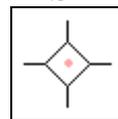
T分岐  
cqg003



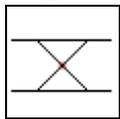
電力分配器  
cqg004



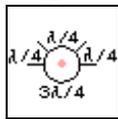
4分岐  
cqg005



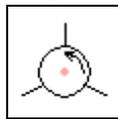
4分岐  
cqg006



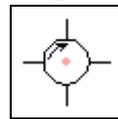
ハイブリッド円形分岐  
cqg007



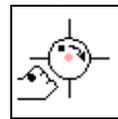
3ポートサイケレータ  
cqg008



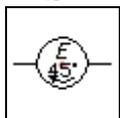
4ポートサイケレータ  
cqg009



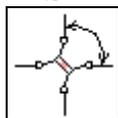
4ポートサイケレータ  
cqg010



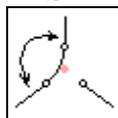
偏波回転器 (45°)  
cqg011



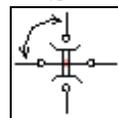
2ポートマイクロ波スイッチ  
cqg012



3ポートマイクロ波スイッチ  
cqg013

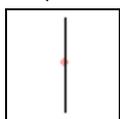


4ポートマイクロ波スイッチ  
cqg014

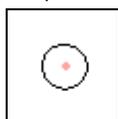


## 結合器・プローブ

結合器  
cqh001



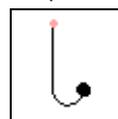
窓結合器  
cqh002



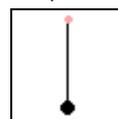
窓結合器 属性付  
cqh003



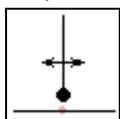
ループ結合器  
cqh004



プローブ結合器  
cqh005

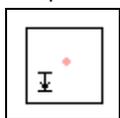


伝送路に結合した  
スライドプローブ  
cqh006

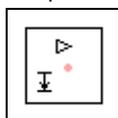


## メーザ・レーザ

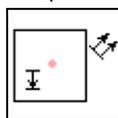
メーザ  
cqi001



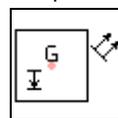
増幅器として使用するメーザ  
cqi002



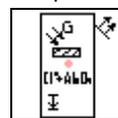
レーザ (光メーザ)  
cqi003



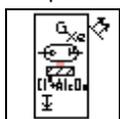
レーザ発生器  
cqi004



ルビ-レーザ発生器  
cqi005

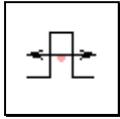


ルビ-レーザ発生器  
cqi006

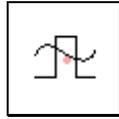


## パルス変調用図記号

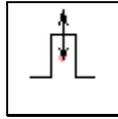
パルス位置変調  
/ パルス位相変調 (PPM)  
cqj001



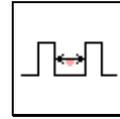
パルス周波数変調 (PFM)  
cqj002



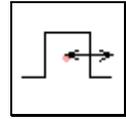
パルス振幅変調 (PAM)  
cqj003



パルス間隔変調 (PIM)  
cqj004



パルス持続時間変調  
(PDM)  
cqj005

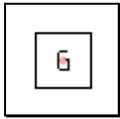


パルス符号変調 (PCM)  
属性付  
cqj006

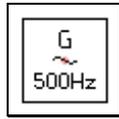


## 信号発生器

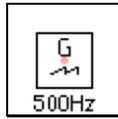
信号発生器 / 波形発生器  
cqk001



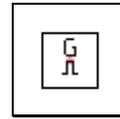
正弦波発生器 (500Hz)  
cqk002



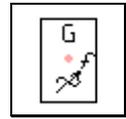
のこぎり形発生器 (500Hz)  
cqk003



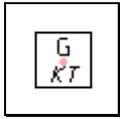
パルス発生器  
cqk004



周波数可調整正弦波発生器  
cqk005

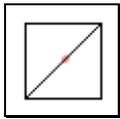


雑音発生器  
cqj006

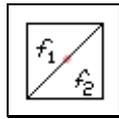


## 変換器

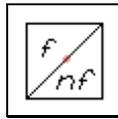
変換器  
cqj001



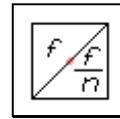
周波数変換器  
cqj002



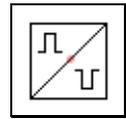
周波数変換器 (通倍器)  
cqj003



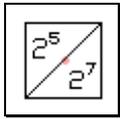
分周器  
cqj004



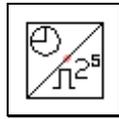
パルスインバータ  
cqj005



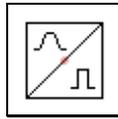
符号変換器 (5単位2進符  
号から7単位2進符号へ)  
cqj006



5桁の2進符号で時刻を  
表示する変換器  
cqj007

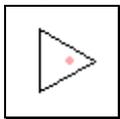


パルス再生器  
cqj008

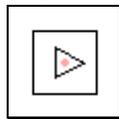


## 増幅器

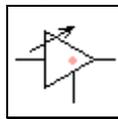
増幅器 / 中継器  
cqm001



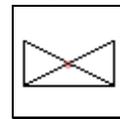
増幅器 / 中継器  
cqm002



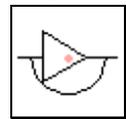
外部可変形増幅器  
cqm003



負性インピーダンス双方向  
増幅器  
cqm004

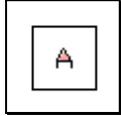


信号及び又は給電に使用  
するパルス付き増幅器  
cqm005

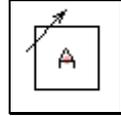


複数の端子対がある回路網

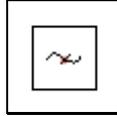
固定減衰器  
cqn001



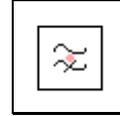
可変減衰器  
cqn002



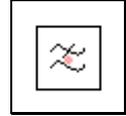
フィルタ  
cqn003



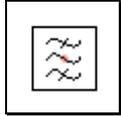
ハイパスフィルタ  
cqn004



ローパスフィルタ  
cqn005



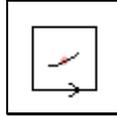
バンドパスフィルタ  
cqn006



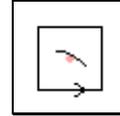
バンドストップフィルタ  
cqn007



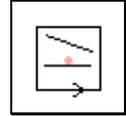
高域プリアンファシス器  
cqn008



高域ディエンファシス器  
cqn009



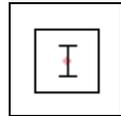
圧縮器  
cqn010



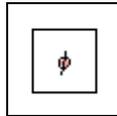
伸張器  
cqn011



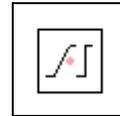
類似ライン  
cqn012



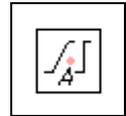
移相器網  
cqn013



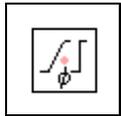
ひずみ補正器  
cqn014



減衰等化器  
cqn015



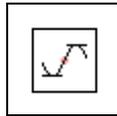
位相ひずみ補正器  
cqn016



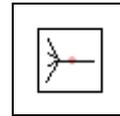
遅延ひずみ補正器  
/ 遅延等化器  
cqn017



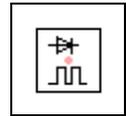
無ひずみ振幅リミッタ  
cqn018



混合回路網  
cqn019



電子式チョッパ  
cqn020



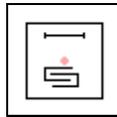
表面弾性波フィルタ  
cqn021



表面弾性波共振器  
cqn022

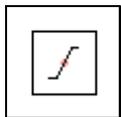


表面弾性波遅延回路  
cqn023

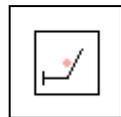


リミッタ

クリップ  
cqo001



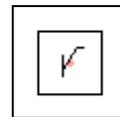
正のピーク値  
/ スレショルドデバイス  
cqo002



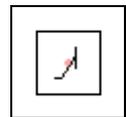
負のピーク値  
/ スレショルドデバイス  
cqo003



正のピーク値クリップ  
cqo004

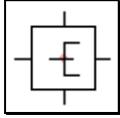


負のピーク値クリップ  
cqo005

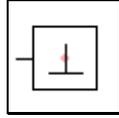


## 終端装置・ハイブリッド変成器

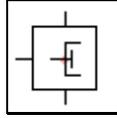
終端装置  
cqp001



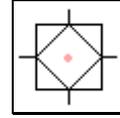
平衡回路網  
cqp002



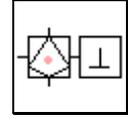
終端装置  
cqp003



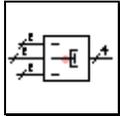
ハイブリッド変成器  
cqp004



非対称ハイブリッド変成器  
cqp005

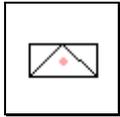


4線回路を2線回路又は4線回路のいずれかと接続する装置  
cqp006

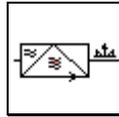


## 変調器・復調器・弁別器

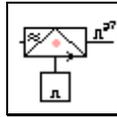
変調器 / 復調機 / 弁別器  
cqg001



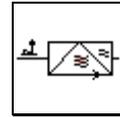
両側波帯出力の変調器  
cqg002



パルス符号変調器  
(7単位2符合の出力)  
cqg003

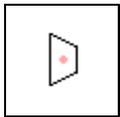


搬送波抑圧単側波帯復調器 (音声出力)  
cqg004

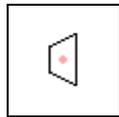


## 集線器・多重化装置

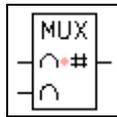
左から右への集線機能  
cqr001



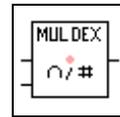
右から左への集線機能  
cqr002



アナログ/デジタル変換を行う  
多重化装置  
cqr003

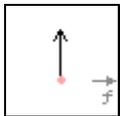


アナログ/デジタル変換を行う  
多重化装置/多重分離装置  
cqr004

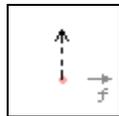


## 周波数スペクトラム図記号

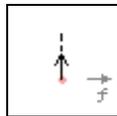
搬送周波数  
cqs001



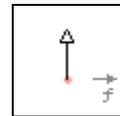
抑圧搬送周波数  
cqs002



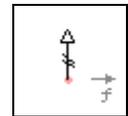
低減搬送周波数  
cqs003



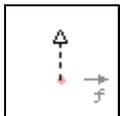
パイロット周波数  
cqs004



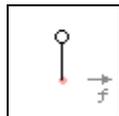
超群のパイロット周波数  
cqs005



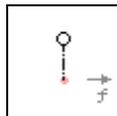
抑圧パイロット周波数  
cqs006



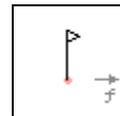
測定用補助周波数  
cqs007



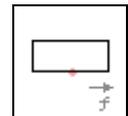
測定用補助周波数  
cqs008



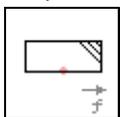
信号周波数  
cqs009



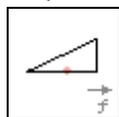
周波数帯域  
cqs010



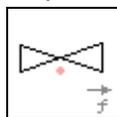
周波数帯域  
cqs011



正配置周波数帯域  
cqs012



混合チャンネル帯域  
cqs013

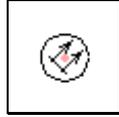


## 光ファイバ

光ファイバ / 光ファイバケーブル  
cqt001



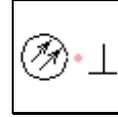
光ファイバ / 光ファイバケーブル  
(コヒーレント光)  
cqt002



マルチモードステップインデックス  
形光ファイバ (SI形)  
cqt003



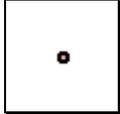
シングルモードステップインデックス  
形光ファイバ (SM形)  
cqt004



グレーデッドインデックス形  
光ファイバ (GI形)  
cqt005

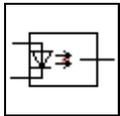


永久接続部 (スプライシング)  
cqt006

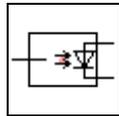


## 伝送装置

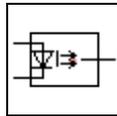
導波光送信機  
cqu001



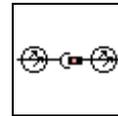
導波光受信機  
cqu002



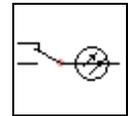
導波コヒーレント光送信機  
cqu003



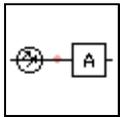
はめ込み形光コネクタ  
cqu004



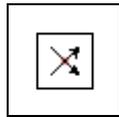
光ファイバ光路の切替接点  
cqu005



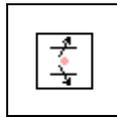
光減衰器  
cqu006



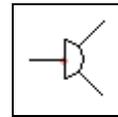
モードスクランブラ  
cqu007



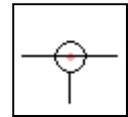
クラディングモードストリッパ  
cqu008



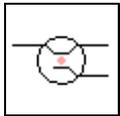
2方向スプリッタ  
cqu009



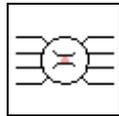
単一タップ  
cqu010



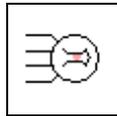
融着接続形タップ  
cqu011



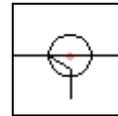
伝送形融着接続スターカプラ  
cqu012



反射形融着接続スターカプラ  
cqu013



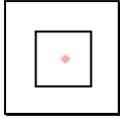
方向性カプラ  
cqu014



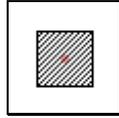
■ 建築設備・地図上設備

発電所・変電所

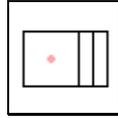
発電所(計画中)  
cra001



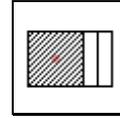
発電所(運転中)  
cra002



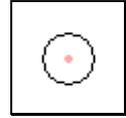
熱併給発電所(計画中)  
cra003



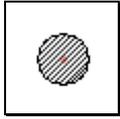
熱併給発電所(運転中)  
cra004



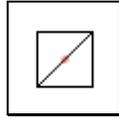
変電所(計画中)  
cra005



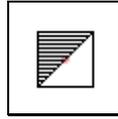
変電所(運転中)  
cra006



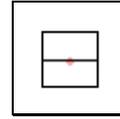
水力発電所(計画中)  
cra007



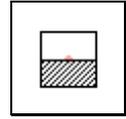
水力発電所(運転中)  
cra008



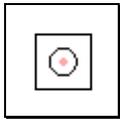
火力発電所(計画中)  
cra009



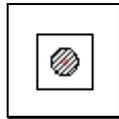
火力発電所(運転中)  
cra010



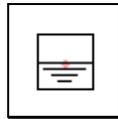
原子力発電所(計画中)  
cra011



原子力発電所(運転中)  
cra012



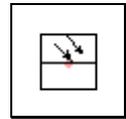
地熱発電所(計画中)  
cra013



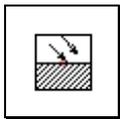
地熱発電所(運転中)  
cra014



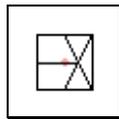
太陽光発電所(計画中)  
cra015



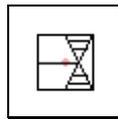
太陽光発電所(運転中)  
cra016



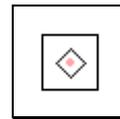
風力発電所(計画中)  
cra017



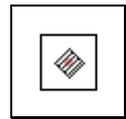
風力発電所(運転中)  
cra018



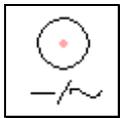
プラズマ発電所(計画中)  
cra019



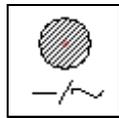
プラズマ発電所(運転中)  
cra020



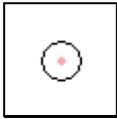
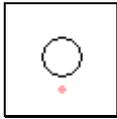
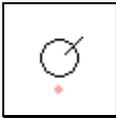
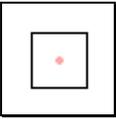
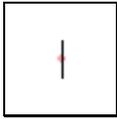
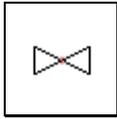
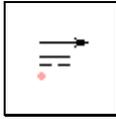
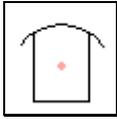
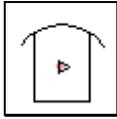
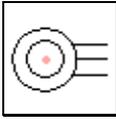
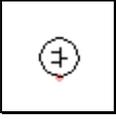
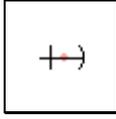
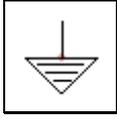
変換所(計画中)  
cra021



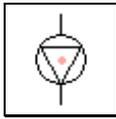
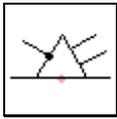
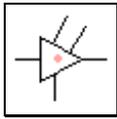
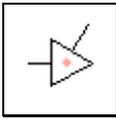
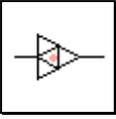
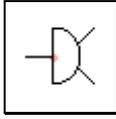
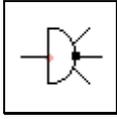
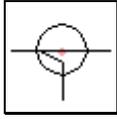
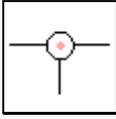
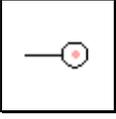
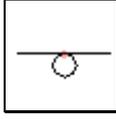
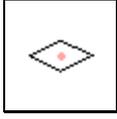
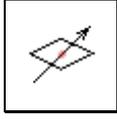
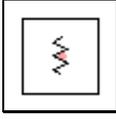
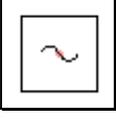
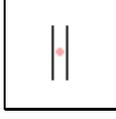
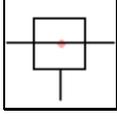
変換所(運転中)  
cra022



## 配線網

<p>地中線路 crb001</p> 	<p>水中線路 crb002</p> 	<p>架空線路 crb003</p> 	<p>ダクト内線路 / 管内線路 crb004</p> 	<p>ダクト内線路 / 管内線路 crb005</p> 
<p>マンホール経由の線路 crb006</p> 	<p>埋込接続部のある線路 crb007</p> 	<p>ガス又は油の防御壁のある線路 crb008</p> 	<p>ガス又は油の止め弁のある線路 crb009</p> 	<p>ガス又は油の防御壁を迂回する線路 crb010</p> 
<p>交流電力重畳通信線路 crb011</p> 	<p>直流電力重畳通信線路 crb012</p> 	<p>地上の対候性インクロージャ crb013</p> 	<p>対候性インクロージャ内の増幅点 crb014</p> 	<p>交差接続点 crb015</p> 
<p>線路集線装置 crb016</p> 	<p>ケーブルのずれ防止装置 crb017</p> 	<p>防食用陽極 crb018</p> 		

## ケーブル分配システム

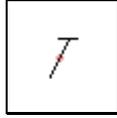
<p>ヘッドエンド (受信アンテナ付) crc001</p> 	<p>ヘッドエンド (受信アンテナなし) crc002</p> 	<p>分岐増幅器 crc003</p> 	<p>幹線分岐増幅器 crc004</p> 	<p>延長増幅器 crc005</p> 
<p>双方向増幅器 crc006</p> 	<p>2分配器 crc007</p> 	<p>3分配器 crc008</p> 	<p>分岐器 / 方向性結合器 crc009</p> 	<p>加入者側のタップ crc010</p> 
<p>出力端子 (壁面端子) crc011</p> 	<p>ループ配線上の出力端子 crc012</p> 	<p>等化器 (イライザ) crc013</p> 	<p>可変等化器 crc014</p> 	<p>減衰器 (アッテネータ) crc015</p> 
<p>電源供給器 crc016</p> 	<p>電源遮断装置 crc017</p> 	<p>電源送入器 crc018</p> 		

## 導体

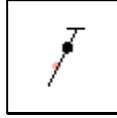
中性線  
crd001



保護導体  
crd002

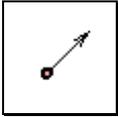


PEN導体  
crd003

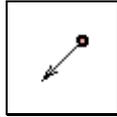


## 配線

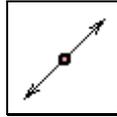
立上り  
cre001



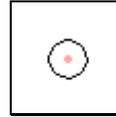
引下げ  
cre002



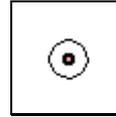
素通し  
cre003



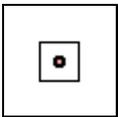
ボックス  
cre004



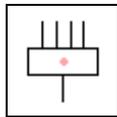
接続ボックス / 分岐ボックス  
cre005



引込点 / 引込口装置  
cre006

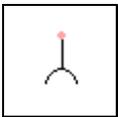


配電盤 / 分電盤  
cre007

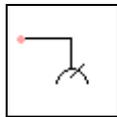


## コンセント

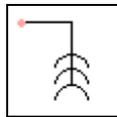
コンセント  
crf001



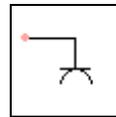
接続コンセント  
crf002



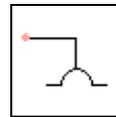
接続コンセント (3口コンセント)  
crf003



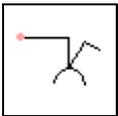
接地局付きコンセント / 接地端子付きコンセント  
crf004



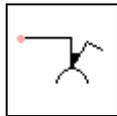
ふた付きコンセント  
crf005



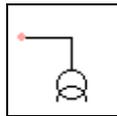
単極スイッチ付きコンセント  
crf006



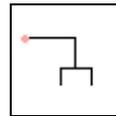
インロックスイッチ付きコンセント  
crf007



絶縁変圧器付きコンセント  
crf008

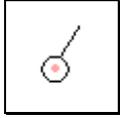


ソケット (ジャック / 端子)  
crf009

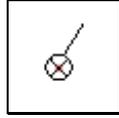


## スイッチ

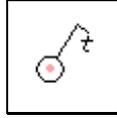
スイッチ(点滅器)  
crg001



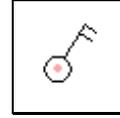
ハイロッドランプ付きスイッチ  
crg002



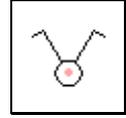
時限スイッチ  
crg003



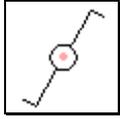
2極スイッチ  
crg004



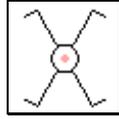
多位置単極スイッチ  
crg005



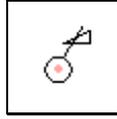
2方向単極スイッチ  
crg006



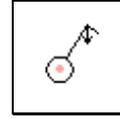
中間スイッチ  
crg007



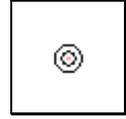
調光スイッチ  
crg008



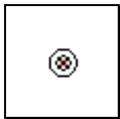
プルスイッチ(単極)  
crg009



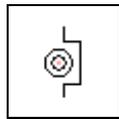
押しボタン  
crg010



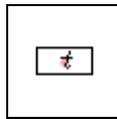
表示ランプ付き押しボタン  
crg011



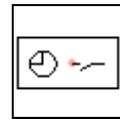
誤操作防止機能付き  
押しボタン  
crg012



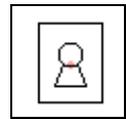
タイマ/時限装置  
crg013



タイムスイッチ  
crg014

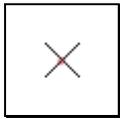


キースイッチ  
/監視員用システム装置  
crg015

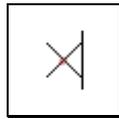


## 照明用引出口・器具・その他

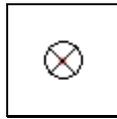
証明用引出口位置  
crh001



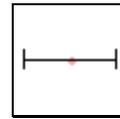
壁面の照明用引出口  
crh002



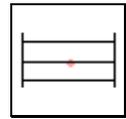
ランプ  
crh003



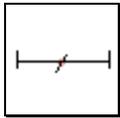
照明器具/蛍光ランプ  
crh004



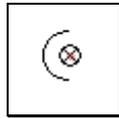
3本の蛍光管付照明器具  
crh005



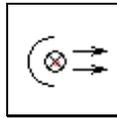
蛍光管付照明器具  
crh006



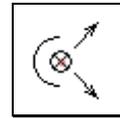
プロジェクタ  
crh007



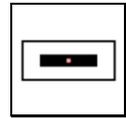
スポットライト  
crh008



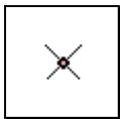
フラッドライト  
crh009



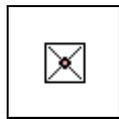
放電灯用安定器  
crh010



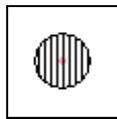
非常用照明  
(非常電源回路上)  
crh011



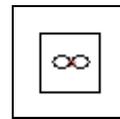
非常用照明(電源内蔵)  
crh012



電気温水器  
crh013



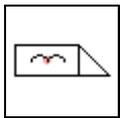
ファン/換気扇  
crh014



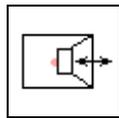
時間記録時計  
/タイムレコーダ  
crh015



電気錠  
crh016

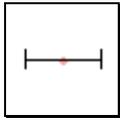


音声通話装置  
crh017

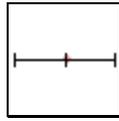


トランキングシステム

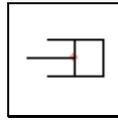
直線部  
cri001



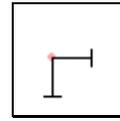
組み合わせた直線部  
cri002



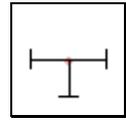
エンドカバー  
cri003



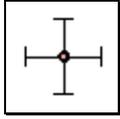
エルボ  
cri004



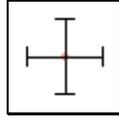
ティ- (3方向の接続)  
cri005



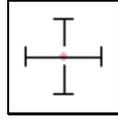
クロス (4方向の接続)  
cri006



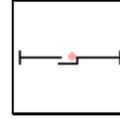
接続しない2系統の交差  
cri007



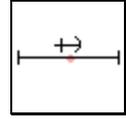
独立した2系統の交差  
cri008



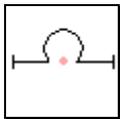
長さ調節可能な直線部  
cri009



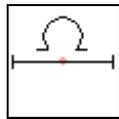
内部配線を固定した直線部  
cri010



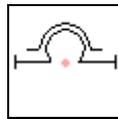
エキスパンションユニット  
(インクロージャ用)  
cri011



エキスパンションユニット  
(導体用)  
cri012



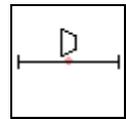
エキスパンションユニット  
(インクロージャ及び導体用)  
cri013



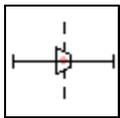
フレキシブルユニット  
cri014



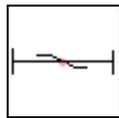
レジューサ  
cri015



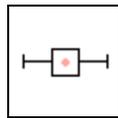
内側耐圧壁付き直線部  
cri016



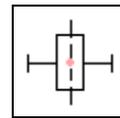
トランスポジションユニット  
cri017



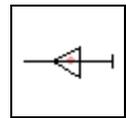
装置ボックス  
cri018



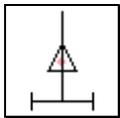
内側耐火付き直線部  
cri019



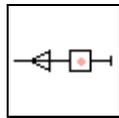
終端給電ユニット  
cri020



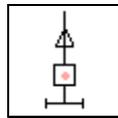
中央給電ユニット  
cri021



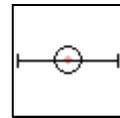
終端給電ユニット  
(装置ボックス付)  
cri022



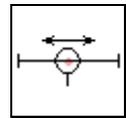
中央給電ユニット  
(装置ボックス付)  
cri023



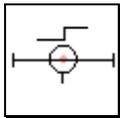
固定タップ付き直線部  
cri024



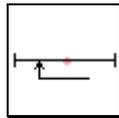
連動可動タップ付き直線部  
cri025



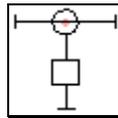
ステップ可動タップ付き  
直線部  
cri026



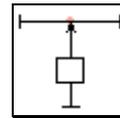
可動接点タップ付き直線部  
cri027



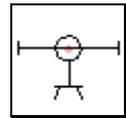
固定タップ付き直線部  
(装置ボックス付)  
cri028



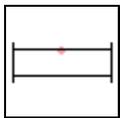
調節可能タップ付き直線部  
(装置ボックス付)  
cri029



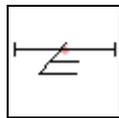
接地極付きコンセントを持つ  
タップ付き直線部  
cri030



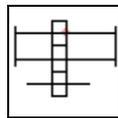
2つの配線系統からなる  
直線部  
cri031



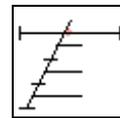
2つの配線系統からなる  
直線部  
cri032



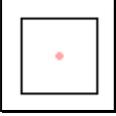
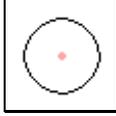
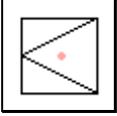
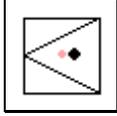
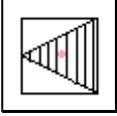
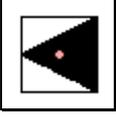
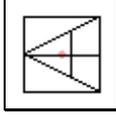
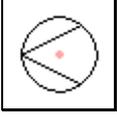
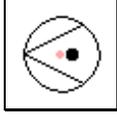
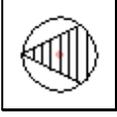
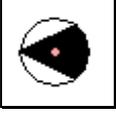
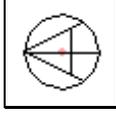
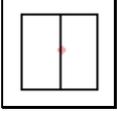
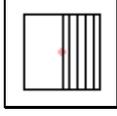
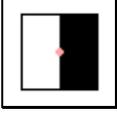
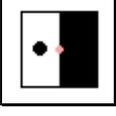
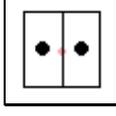
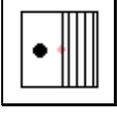
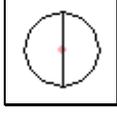
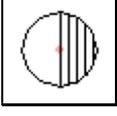
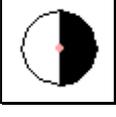
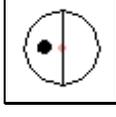
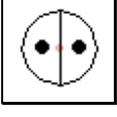
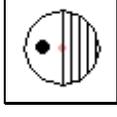
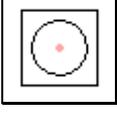
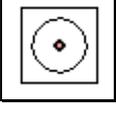
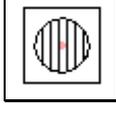
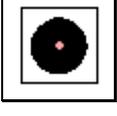
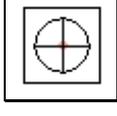
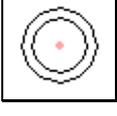
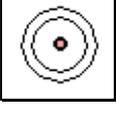
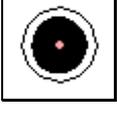
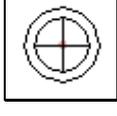
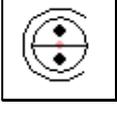
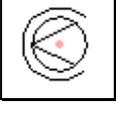
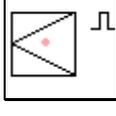
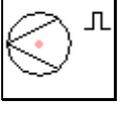
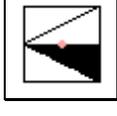
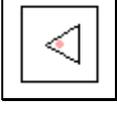
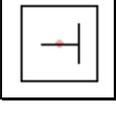
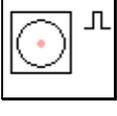
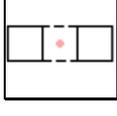
3つの区画からなる直線部  
cri033



3つの区画からなる直線部  
cri034



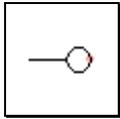
航空灯火・標識

地上型航空灯火 crj001 	埋込型航空灯火 crj002 	地上型,一方向,白色 $\bar{\Delta}$ crj003 	地上型,一方向,綠色 $\bar{\Delta}$ crj004 	地上型,一方向,黄色 $\bar{\Delta}$ crj005 
地上型,一方向,赤色 $\bar{\Delta}$ crj006 	地上型,一方向,青色 $\bar{\Delta}$ crj007 	埋込型,一方向,白色 $\bar{\Delta}$ crj008 	埋込型,一方向,綠色 $\bar{\Delta}$ crj009 	埋込型,一方向,黄色 $\bar{\Delta}$ crj010 
埋込型,一方向,赤色 $\bar{\Delta}$ crj011 	埋込型,一方向,青色 $\bar{\Delta}$ crj012 	地上型,二方向,白/白 $\bar{\Delta}$ crj013 	地上型,二方向,白/黄 $\bar{\Delta}$ crj014 	地上型,二方向,白/赤 $\bar{\Delta}$ crj015 
地上型,二方向,緑/赤 $\bar{\Delta}$ crj016 	地上型,二方向,緑/緑 $\bar{\Delta}$ crj017 	地上型,二方向,緑/黄 $\bar{\Delta}$ crj018 	埋込型,二方向,白/白 $\bar{\Delta}$ crj019 	埋込型,二方向,白/黄 $\bar{\Delta}$ crj020 
埋込型,二方向,白/赤 $\bar{\Delta}$ crj021 	埋込型,二方向,緑/赤 $\bar{\Delta}$ crj022 	埋込型,二方向,緑/緑 $\bar{\Delta}$ crj023 	埋込型,二方向,緑/黄 $\bar{\Delta}$ crj024 	地上型航空灯火(全方向) crj025 
地上型,全方向,緑 $\bar{\Delta}$ crj026 	地上型,全方向,黄色 $\bar{\Delta}$ crj027 	地上型,全方向,赤色 $\bar{\Delta}$ crj028 	地上型,全方向,青色 $\bar{\Delta}$ crj029 	埋込型航空灯火(全方向) crj030 
埋込型,全方向,緑 $\bar{\Delta}$ crj031 	埋込型,全方向,黄色 $\bar{\Delta}$ crj032 	埋込型,全方向,赤色 $\bar{\Delta}$ crj033 	埋込型,全方向,青色 $\bar{\Delta}$ crj034 	曲線部灯 二方向,緑/緑 $\bar{\Delta}$ crj035 
曲線部灯 一方向,白 $\bar{\Delta}$ crj036 	地上型航空灯火 一方向,白色せん光灯 crj037 	埋込型航空灯火 一方向,白色せん光灯 crj038 	PAPI(進入角指示灯) 一方向,白/赤 $\bar{\Delta}$ crj039 	風向灯 crj040 
着陸方向指示灯 crj041 	航空障害灯 全方向,赤・せん光 $\bar{\Delta}$ crj042 	航空灯火(せん光式進入灯) 全方向,白,せん光 $\bar{\Delta}$ crj043 	誘導案内灯 crj044 	

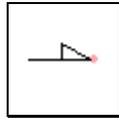
■ 2 値論理素子

2 値論理素子

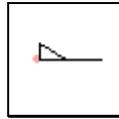
論理否定  
csa001



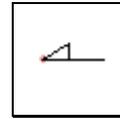
論理極性 / 極性表示子  
(入力)  
csa002



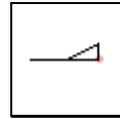
論理極性 / 極性表示子  
(出力)  
csa003



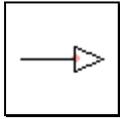
論理極性 / 極性表示子  
(入力)  
csa004



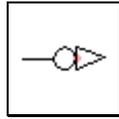
論理極性 / 極性表示子  
(出力)  
csa005



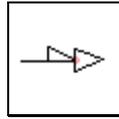
ダイナミック入力  
csa006



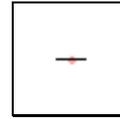
論理否定を伴う  
ダイナミック入力  
csa007



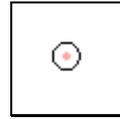
極性表示子を伴う  
ダイナミック入力  
csa008



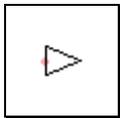
内部接続  
csa009



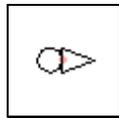
否定を伴う内部接続  
csa010



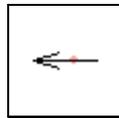
ダイナミック特性を伴う  
内部接続  
csa011



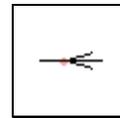
否定及びダイナミック特性を  
伴う内部接続  
csa012



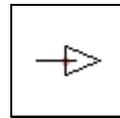
内部入力 / 仮想入力  
csa013



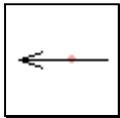
内部出力 / 仮想出力  
csa014



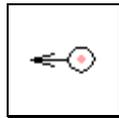
ダイナミック特性を伴う  
内部接続 / 仮想入力  
csa015



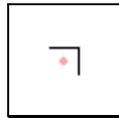
信号の流れを示す  
内部接続  
csa016



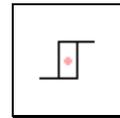
信号の流れを示す  
論理否定を伴う内部接続  
csa017



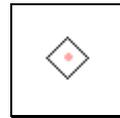
延期出力  
csa018



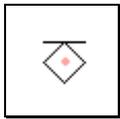
双しきい値入力  
/ ヒステリシスを伴う入力  
csa019



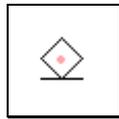
開放回路出力  
csa020



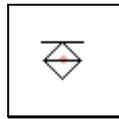
開放回路出力 (H型)  
csa021



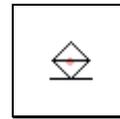
開放回路出力 (L型)  
csa022



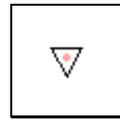
ハップフルダウン出力  
csa023



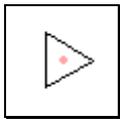
ハップフルアップ出力  
csa024



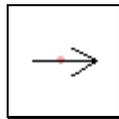
3ステート出力  
csa025



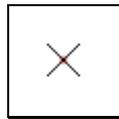
特殊増幅を伴う出力  
csa026



シフト入力  
csa027



非論理接続  
csa028



双方向の信号の流れ  
csa029



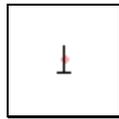
双方向の信号の流れ  
csa030



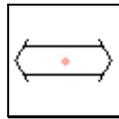
内部プルダウン付き入力  
csa031



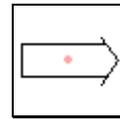
内部プルアップ付き入力  
csa032



双方向バス表示子  
csa033



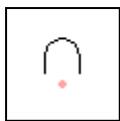
片方向バス表示子  
csa034



## ■ アナログ素子

### アナログ素子

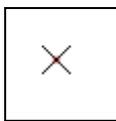
アナログ入力／出力  
cta001



デジタル入力／出力  
cta002

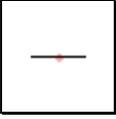
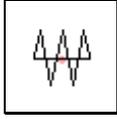
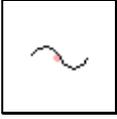
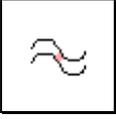
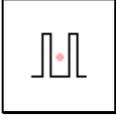


電源電圧供給端子  
／ 電源に接続する端子  
cta003

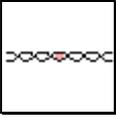
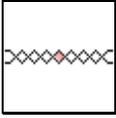
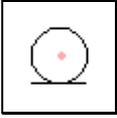
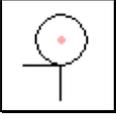
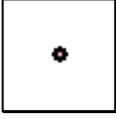
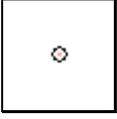
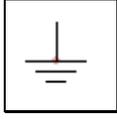
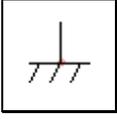
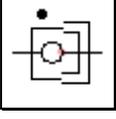
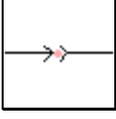
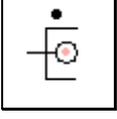
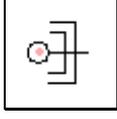
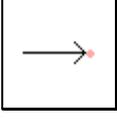
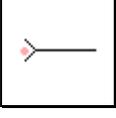
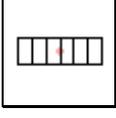


# JIS C9309 溶接機電気回路用図記号

## 電流

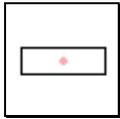
直流 cha001 	交流 cha002 	高周波 cga003 	高周波 cha004 	電力周波数 cha005 
電力周波数より高い周波数 / 音声周波 cha006 	パルス cha007 			

## 導線・接続

導線の本数 属性付 chb001 	導線の本数 (2本) chb002 	導線の本数 (3本) chb003 	シールド線 chb004 	シールドの接地 chb005 
ツイスト線 chb006 	ツイスト線 chb007 	ツイスト線 (省略) chb008 	ツイスト線 (省略) chb009 	同軸ケーブル chb010 
同軸 (外被) 側導体の接続 chb011 	端子 chb012 	端子 chb013 	接地 (安全用接地) chb014 	接地 (信号用接地) chb015 
差込接続器 chb016 	差込接続器 chb017 	差込接続器 (プラグ) chb018 	差込接続器 (プラグ 受け) chb019 	差込接続器 (プラグ) chb020 
差込接続器 (プラグ 受け) chb021 	端子ブロック (端子数 6) chb022 			

一般部品

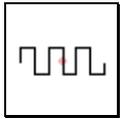
抵抗 / 抵抗器  
chc001



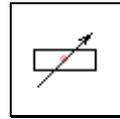
抵抗 / 抵抗器  
chc002



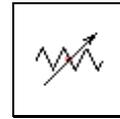
抵抗 / 抵抗器  
chc003



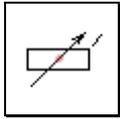
可変抵抗 / 可変抵抗器  
chc004



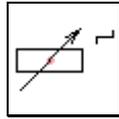
可変抵抗 / 可変抵抗器  
chc005



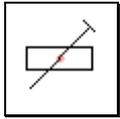
連続可変抵抗 /  
連続可変抵抗器  
chc006



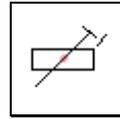
ステップ可変抵抗 /  
ステップ可変抵抗器  
chc007



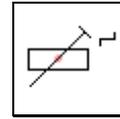
プリセット抵抗 /  
プリセット抵抗器  
chc008



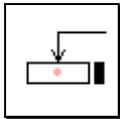
プリセット形連続可変抵抗 /  
プリセット形連続可変抵抗器  
chc009



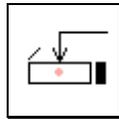
プリセット形ステップ可変抵抗 /  
プリセット形ステップ可変抵抗器  
chc010



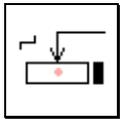
可変抵抗 / 可変抵抗器  
(スイッチ付)  
chc011



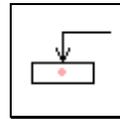
連続可変抵抗 / 連続可  
変抵抗器 (スイッチ付)  
chc012



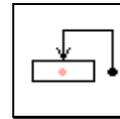
ステップ可変抵抗 / ステップ  
可変抵抗器 (スイッチ付)  
chc013



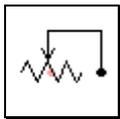
可動接点付き分圧器  
chc014



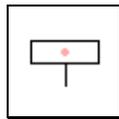
可動接点付き分圧器  
chc015



可動接点付き分圧器  
chc016



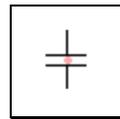
タップ付き抵抗器 (半固定)  
chc017



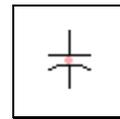
タップ付き抵抗器 (半固定)  
chc018



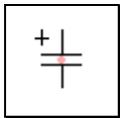
静電容量 / コンデンサ  
chc019



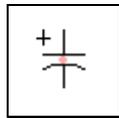
静電容量 / コンデンサ  
chc020



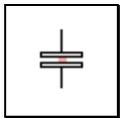
コンデンサ (有極性)  
chc021



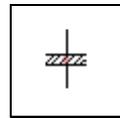
コンデンサ (有極性)  
chc022



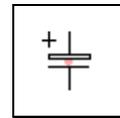
電解コンデンサ (無極性)  
chc023



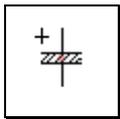
電解コンデンサ (無極性)  
chc024



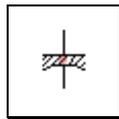
電解コンデンサ (有極性)  
chc025



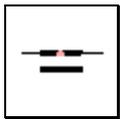
電解コンデンサ (有極性)  
chc026



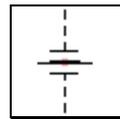
電解コンデンサ (有極性)  
chc027



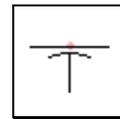
貫通形コンデンサ  
chc028



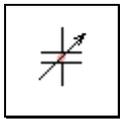
貫通形コンデンサ  
chc029



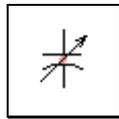
貫通形コンデンサ  
chc030



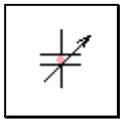
可変静電容量 /  
可変コンデンサ  
chc031



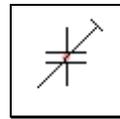
可変静電容量 /  
可変コンデンサ  
chc032



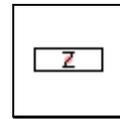
可変静電容量 /  
可変コンデンサ  
chc033



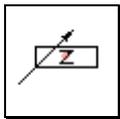
半固定コンデンサ  
chc034



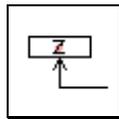
インピーダンス  
chc035



可変インピーダンス  
chc036



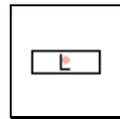
可変インピーダンス  
chc037



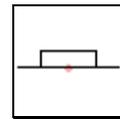
インダクタンス (リアクトル)  
chc038



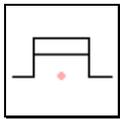
インダクタンス (リアクトル)  
chc039



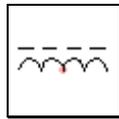
インダクタンス (リアクトル)  
chc040



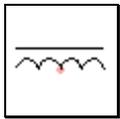
インダクタンス (リアクトル)  
chc041



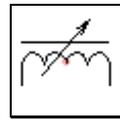
ダストコア入インダクタンス (リアクトル)



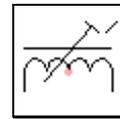
鉄心入インダクタンス (リアクトル)  
chc043



可変インダクタンス (リアクトル)  
chc044



プリセット連動インダクタンス  
chc045

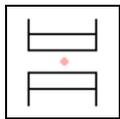


一般部品 (続き)

ステップ可変インダクタンス  
chc046



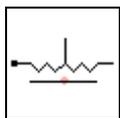
変圧器  
chc051



鉄心入変圧器片側  
(一次側巻線)  
chc056



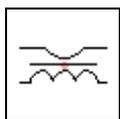
単巻変圧器  
chc061



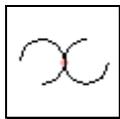
計器用変圧器  
chc066



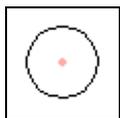
可飽和リアクトル  
chc071



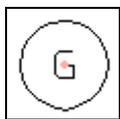
熱動過電流継電器  
chc076



継電器巻線  
chc081



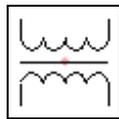
発電機  
chc086



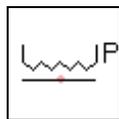
タップ付きインダクタンス  
chc047



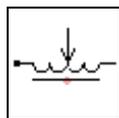
鉄心入変圧器  
chc052



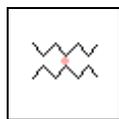
鉄心入変圧器片側  
(一次側巻線)  
chc057



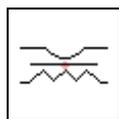
単巻変圧器(可変)  
chc062



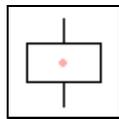
計器用変圧器  
chc067



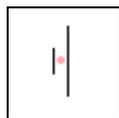
可飽和リアクトル  
chc072



継電器巻線  
chc077



電池 / 直流電源  
chc082



交流発電機  
chc087



可変相互インダクタンス  
chc048



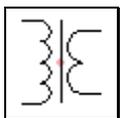
変圧器(遮へい)  
chc053



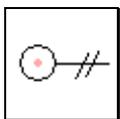
鉄心入変圧器片側  
(二次側巻線)  
chc058



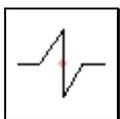
抵抗溶接変圧器  
chc063



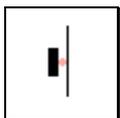
変流器 / トロイダルコイル  
chc068



電磁コイル  
chc073



電池 / 直流電源  
chc083



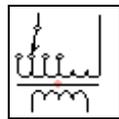
直流発電機  
chc088



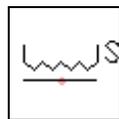
変圧器  
chc049



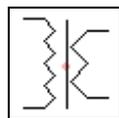
ダイヤル型スイッチ付き変圧器  
chc054



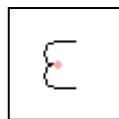
鉄心入変圧器片側  
(二次側巻線)  
chc059



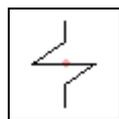
抵抗溶接変圧器  
chc064



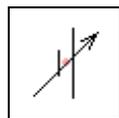
変流器 / トロイダルコイル  
chc069



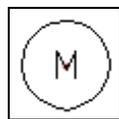
電磁コイル  
chc074



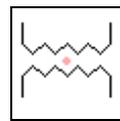
電池 / 直流電源  
(可変電圧)  
chc084



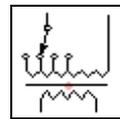
電動機  
chc089



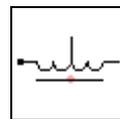
変圧器  
chc050



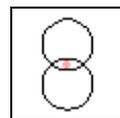
ダイヤル型スイッチ付き変圧器  
chc055



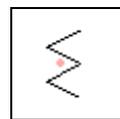
単巻変圧器  
chc060



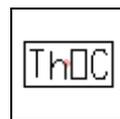
計器用変圧器  
chc065



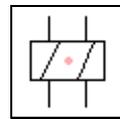
変流器 / トロイダルコイル  
chc070



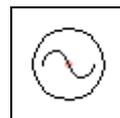
熱動過電流継電器  
chc075



継電器巻線(復巻線)  
chc080



交流電源  
chc085



交流電動機  
chc090



一般部品 ( 続き )

直流電動機  
chc091



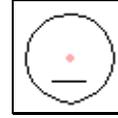
発電電動機 ( 可逆形 )  
chc092



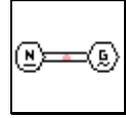
交流  
chc093



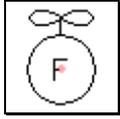
直流  
chc094



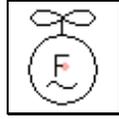
伝動発電機  
chc095



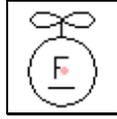
冷却扇  
chc096



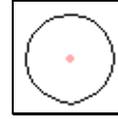
交流冷却扇  
chc097



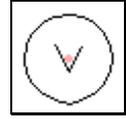
直流冷却扇  
chc098



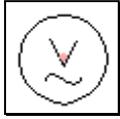
計器  
chc099



電圧計  
chc100



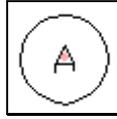
交流電圧計  
chc101



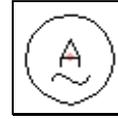
直流電圧計  
chc102



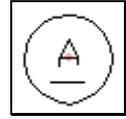
電流計  
chc103



交流電流計  
chc104



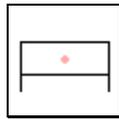
直流電流計  
chc105



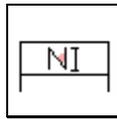
電力計  
chc106



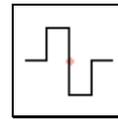
電流計用分流器  
chc107



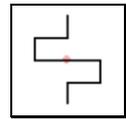
電流計用分流器 ( 無誘導形 )  
chc108



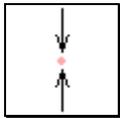
ヒータ  
chc109



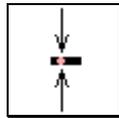
ヒータ  
chc110



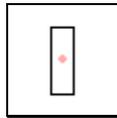
放電キャップ  
chc111



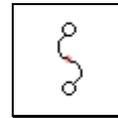
3点キャップ  
chc112



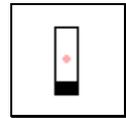
ヒューズ  
chc113



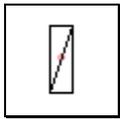
ヒューズ ( 開放形 )  
chc114



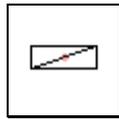
ヒューズ  
chc115



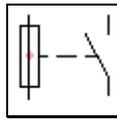
包装ヒューズ  
chc116



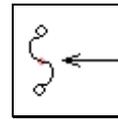
包装ヒューズ  
chc117



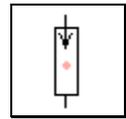
警報ヒューズ  
chc118



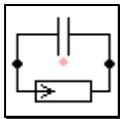
警報ヒューズ  
chc119



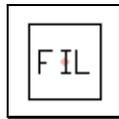
避雷器  
chc120



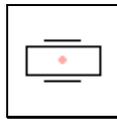
サージ吸収器  
chc121



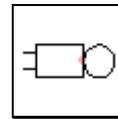
電源用フィルタ  
chc122



水晶振動子  
chc123



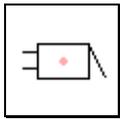
ベル  
chc124



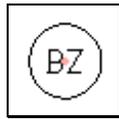
ベル  
chc125



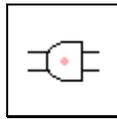
ブザー  
chc126



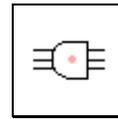
ブザー  
chc127



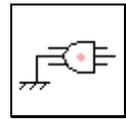
電源プラグ ( 2 極 )  
chc128



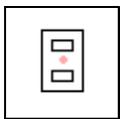
電源プラグ ( 3 極 )  
chc129



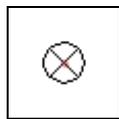
電源プラグ ( 接地形 )  
chc130



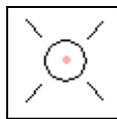
電源プラグ受け  
chc131



ランプ  
chc132

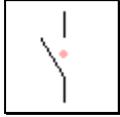


ランプ  
chc133

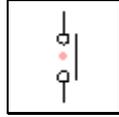


接点・開閉器

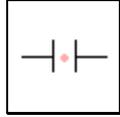
継電器接点  
a接点(メーク接点)  
chd001



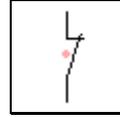
継電器接点  
a接点(メーク接点)  
chd002



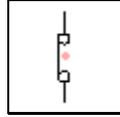
継電器接点  
a接点(メーク接点)  
chd003



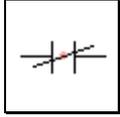
継電器接点  
b接点(ブレイク接点)  
chd004



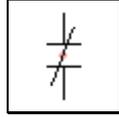
継電器接点  
b接点(ブレイク接点)  
chd005



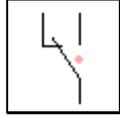
継電器接点  
b接点(ブレイク接点)  
chd006



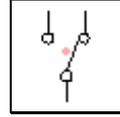
継電器接点  
b接点(ブレイク接点)  
chd007



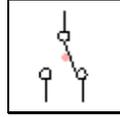
継電器接点  
c接点  
chd008



継電器接点  
c接点  
chd009



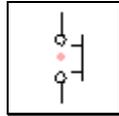
継電器接点  
c接点  
chd010



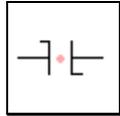
オーバーラップ接点  
a接点(メーク接点)  
chd011



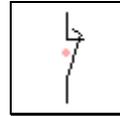
オーバーラップ接点  
a接点(メーク接点)  
chd012



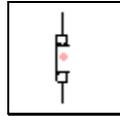
オーバーラップ接点  
a接点(メーク接点)  
chd013



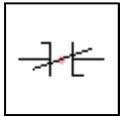
オーバーラップ接点  
b接点(ブレイク接点)  
chd014



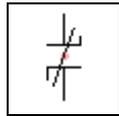
オーバーラップ接点  
b接点(ブレイク接点)  
chd015



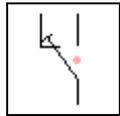
オーバーラップ接点  
b接点(ブレイク接点)  
chd016



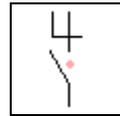
オーバーラップ接点  
b接点(ブレイク接点)  
chd017



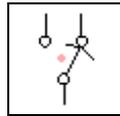
オーバーラップ接点 c接点  
(メーキングフォアブレイク接点)  
chd018



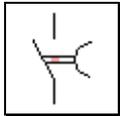
オーバーラップ接点 c接点  
(メーキングフォアブレイク接点)  
chd019



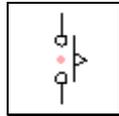
オーバーラップ接点 c接点  
(メーキングフォアブレイク接点)  
chd020



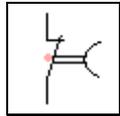
限時動作接点  
a接点(メーク接点)  
chd021



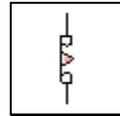
限時動作接点  
a接点(メーク接点)  
chd022



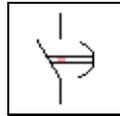
限時動作接点  
b接点(ブレイク接点)  
chd023



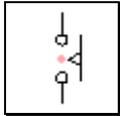
限時動作接点  
b接点(ブレイク接点)  
chd024



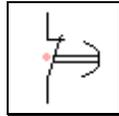
限時復帰接点  
a接点(メーク接点)  
chd025



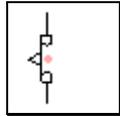
限時復帰接点  
a接点(メーク接点)  
chd026



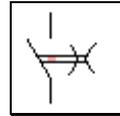
限時復帰接点  
b接点(ブレイク接点)  
chd027



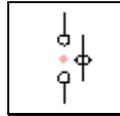
限時復帰接点  
b接点(ブレイク接点)  
chd028



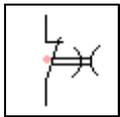
限時動作限時復帰接点  
a接点(メーク接点)  
chd029



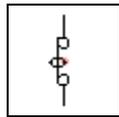
限時動作限時復帰接点  
a接点(メーク接点)  
chd030



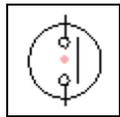
限時動作限時復帰接点  
b接点(ブレイク接点)  
chd031



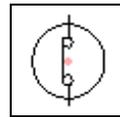
限時動作限時復帰接点  
b接点(ブレイク接点)  
chd032



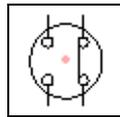
フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd033



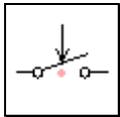
フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd034



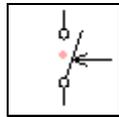
フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd035



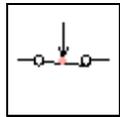
フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd036



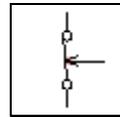
フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd037



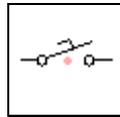
フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd038



フロースイッチ / 温度動作スイッチ  
液面スイッチ / 圧力スイッチ他  
chd039

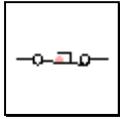


足踏スイッチ  
a接点(メーク接点)  
chd040

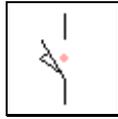


接点開閉器 (続き)

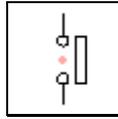
足踏スイッチ  
b接点(フレーク接点)  
chd041



機械的接点  
a接点(メーク接点)  
chd042



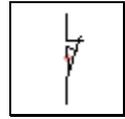
機械的接点  
a接点(メーク接点)  
chd043



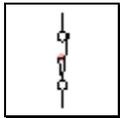
機械的接点  
a接点(メーク接点)  
chd044



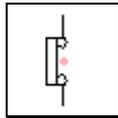
機械的接点  
b接点(フレーク接点)  
chd045



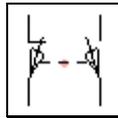
機械的接点  
b接点(フレーク接点)  
chd046



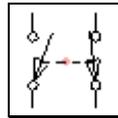
機械的接点  
b接点(フレーク接点)  
chd047



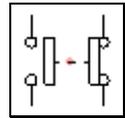
機械的接点  
両方向動接点(系列1)  
chd048



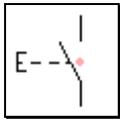
機械的接点  
両方向動接点(系列1)  
chd049



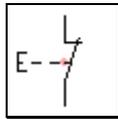
機械的接点  
両方向動接点(系列2)  
chd050



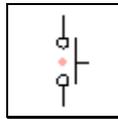
押しボタンスイッチ  
chd051



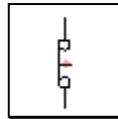
押しボタンスイッチ  
chd052



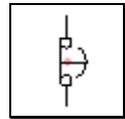
押しボタンスイッチ  
chd053



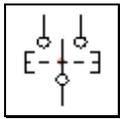
押しボタンスイッチ  
chd054



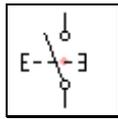
押しボタンスイッチ  
chd055



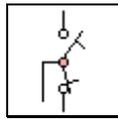
両押しボタンスイッチ  
(自動復帰しないもの)  
chd056



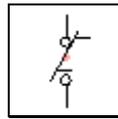
両押しボタンスイッチ  
(自動復帰しないもの)  
chd057



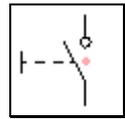
両押しボタンスイッチ  
(自動復帰しないもの)  
chd058



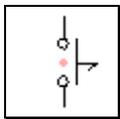
両押しボタンスイッチ  
(自動復帰しないもの)  
chd059



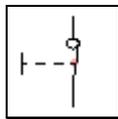
手動操作残留接点  
a接点(メーク接点)  
chd060



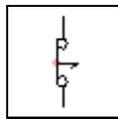
手動操作残留接点  
a接点(メーク接点)  
chd061



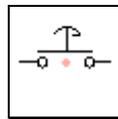
手動操作残留接点  
b接点(フレーク接点)  
chd062



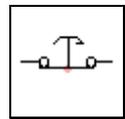
手動操作残留接点  
b接点(フレーク接点)  
chd063



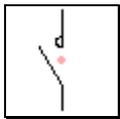
プッシュロックスイッチ  
(回転復帰形)  
chd064



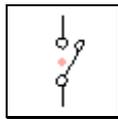
プッシュロックスイッチ  
(回転復帰形)  
chd065



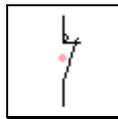
電磁接触器接点  
a接点(メーク接点)  
chd066



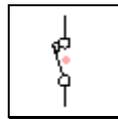
電磁接触器接点  
a接点(メーク接点)  
chd067



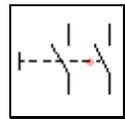
電磁接触器接点  
b接点(フレーク接点)  
chd068



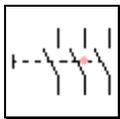
電磁接触器接点  
b接点(フレーク接点)  
chd069



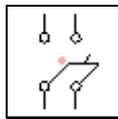
ナイフスイッチ  
chd070



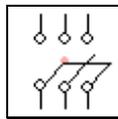
ナイフスイッチ  
chd071



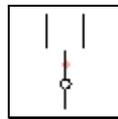
ナイフスイッチ  
chd072



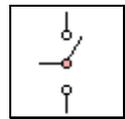
ナイフスイッチ  
chd073



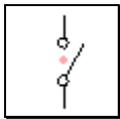
切替開閉器  
chd074



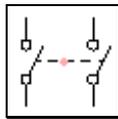
切替開閉器  
chd075



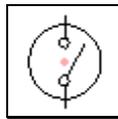
トグルスイッチ  
(スナップスイッチ)  
chd076



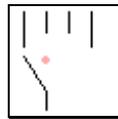
トグルスイッチ  
(スナップスイッチ)  
chd077



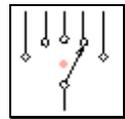
タンブラスイッチ  
chd078



ダイヤル型スイッチ  
(ロータリスイッチ)  
chd079

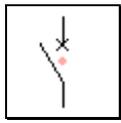


ダイヤル型スイッチ  
(ロータリスイッチ)  
chd080

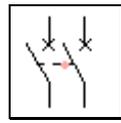


接点開閉器 (続き)

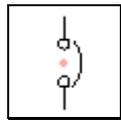
気中遮断器  
chd081



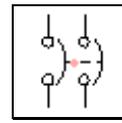
気中遮断器  
chd082



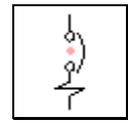
気中遮断器  
chd083



気中遮断器  
chd084



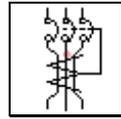
気中遮断器 (引外しコイル付)  
chd085



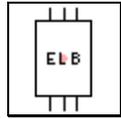
気中遮断器 (引外しコイル付)  
chd086



漏電遮断器  
chd087

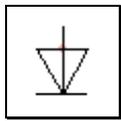


漏電遮断器  
chd088

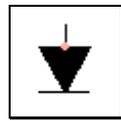


一般半導体

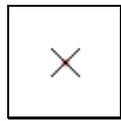
整流接合  
che001



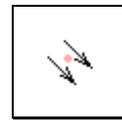
整流接合  
che002



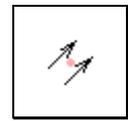
感磁  
che003



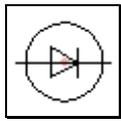
感光  
che004



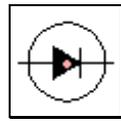
発光  
che005



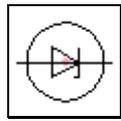
半導体整流ダイオード  
che006



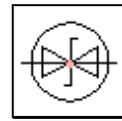
半導体整流ダイオード  
che007



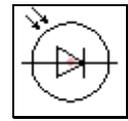
一方向性降伏ダイオード  
(定電圧ダイオード)  
che008



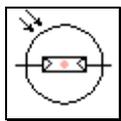
双方向性降伏ダイオード  
(双方向性定電圧ダイオード)  
che009



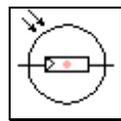
ホトダイオード  
ched010



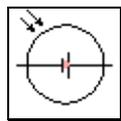
対称形導電特性  
光導電セル  
che011



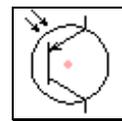
非対称形導電特性  
光導電セル  
che012



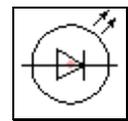
光電池  
che013



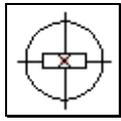
ホトトランジスタ  
che014



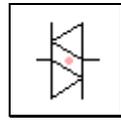
発光ダイオード  
che015



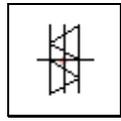
ホール素子  
che016



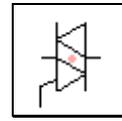
双方向性ダイオード  
(対称バリスタ)  
che017



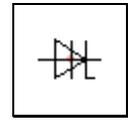
2極双方向サイリスタ  
(ダイアック)  
che018



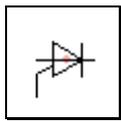
3極双方向サイリスタ  
(トライアック)  
che019



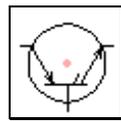
2極逆伝導サイリスタ  
che020



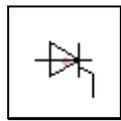
3極PNPNスイッチ(Nゲート)  
che021



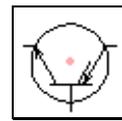
3極PNPNスイッチ(Nゲート)  
che022



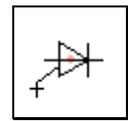
3極PNPNスイッチ(Pゲート)  
che023



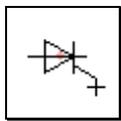
3極PNPNスイッチ(Pゲート)  
che024



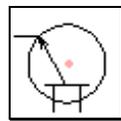
3極ターンオフサイリスタ(Nゲート)  
che025



3極ターンオフサイリスタ(Pゲート)  
che026



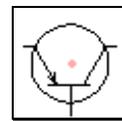
単接合トランジスタ(P型 $\beta$ - $\beta$ )  
che027



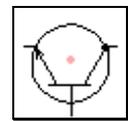
単接合トランジスタ(N型 $\beta$ - $\beta$ )  
che028



PNPトランジスタ  
che029

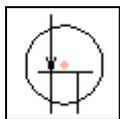


NPNトランジスタ  
che030

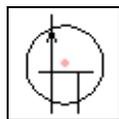


一般半導体 (続き)

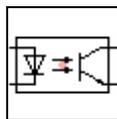
接合形電界効果トランジスタ  
(N形チャンネル)  
che031



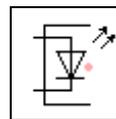
接合形電界効果トランジスタ  
(P形チャンネル)  
che032



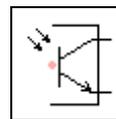
ホトカプラ  
che033



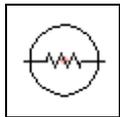
ホトカプラ 入力部  
(発光部)  
che034



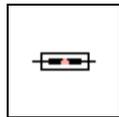
ホトカプラ 出力部  
(受光部)  
che035



サーミスタ(直熱形)  
che036



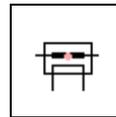
サーミスタ(直熱形)  
che037



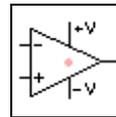
サーミスタ(傍熱形)  
che038



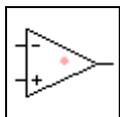
サーミスタ(傍熱形)  
che039



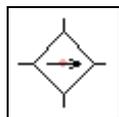
演算増幅器(OPアンプ)  
che040



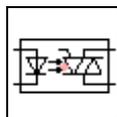
演算増幅器(OPアンプ)  
che041



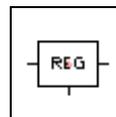
整流器(ブリッジ形接続)  
che042



ソリッドステートレー  
che043

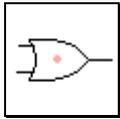


三端子レギュレータ  
che044

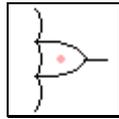


## 論理素子

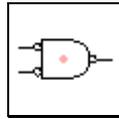
論理和素子 (OR)  
chf001



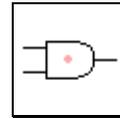
論理和素子 (OR)  
chf002



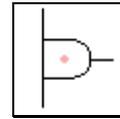
論理和素子 (OR)  
chf003



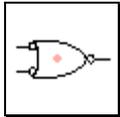
論理積素子 (AND)  
chf004



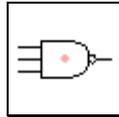
論理積素子 (AND)  
chf005



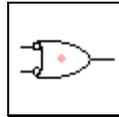
論理積素子 (AND)  
chf006



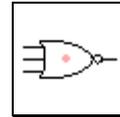
否定論理積素子  
(NAND)  
chf007



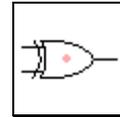
否定論理和素子 (NOR)  
chf008



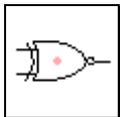
否定論理和素子 (NOR)  
chf009



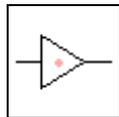
排他的論理和素子  
(Exclusive OR)  
chf010



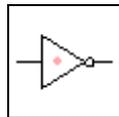
論理一致素子  
chf011



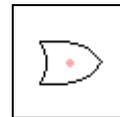
バッファ  
chf012



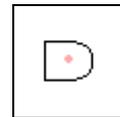
論理否定器 / 反転器  
chf013



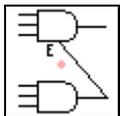
集約接続  
chf014



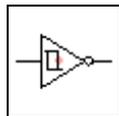
集約接続  
chf015



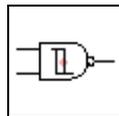
拡張入出力  
chf016



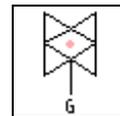
インバートシュミットリガ  
chf017



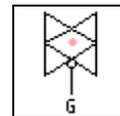
シュミットリガ  
chf018



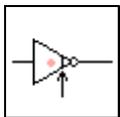
アナログスイッチ  
chf019



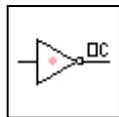
アナログスイッチ  
chf020



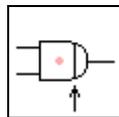
開放開路出力  
chf021



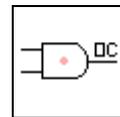
開放開路出力  
chf022



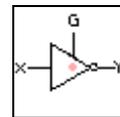
開放開路出力  
chf023



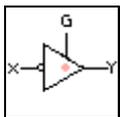
開放開路出力  
chf024



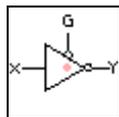
スリーステートバッファ  
chf025



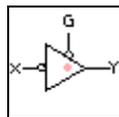
スリーステートバッファ  
chf026



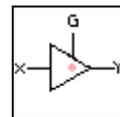
スリーステートバッファ  
chf027



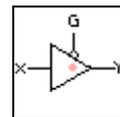
スリーステートバッファ  
chf028



スリーステートバッファ  
chf029

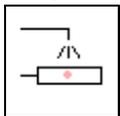


スリーステートバッファ  
chf030

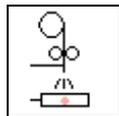


## 溶接出力部

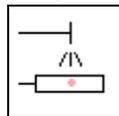
アーク溶接  
chg001



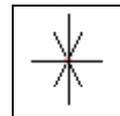
アーク溶接 (消耗電極)  
chg002



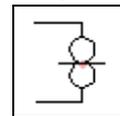
アーク溶接 (非消耗電極)  
chg003



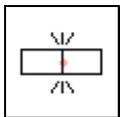
スポット溶接 /  
プロジェクション溶接  
chg004



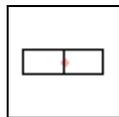
シーム溶接  
chg005



フラッシュ溶接  
chg006

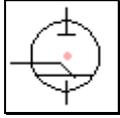


アブセット溶接  
chg007

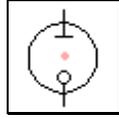


管球類

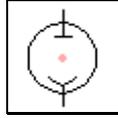
イグナイトロ  
chh001



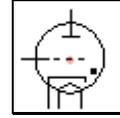
定電圧放電管  
chh002



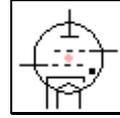
光電管  
chh003



3極グリッド制御放電管  
chh004



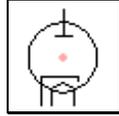
4極グリッド制御放電管  
chh005



3極グリッド制御放電管  
(直熱形)  
chh006



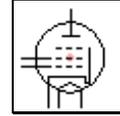
2極真空管  
chh007



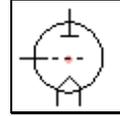
3極真空管  
chh008



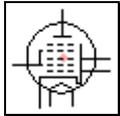
5極真空管  
chh009



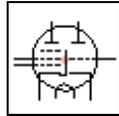
3極真空管(直熱形)  
chh010



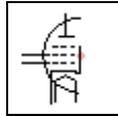
7極真空管  
chh011



複合管  
chh012



複合管  
chh013



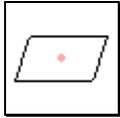
複合管  
chh014



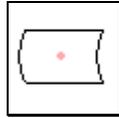
# JIS X0121 情報処理用流れ図・プログラム網図・システム資源図記号

## 情報処理用流れ図記号

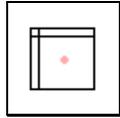
データ  
xaa001



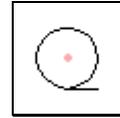
記憶データ  
xaa002



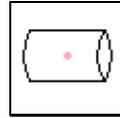
内部記憶  
xaa003



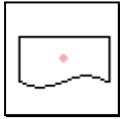
順次アクセス記憶  
xaa004



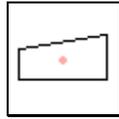
直接アクセス記憶  
xaa005



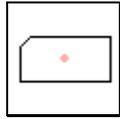
書類  
xaa006



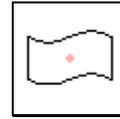
手操作入力  
xaa007



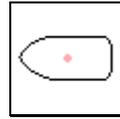
カード  
xaa008



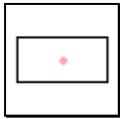
せん孔テープ  
xaa009



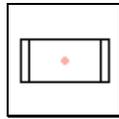
表示  
xaa010



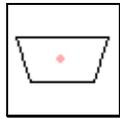
処理  
xaa011



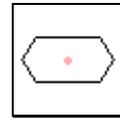
定義済み処理  
xaa012



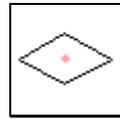
手作業  
xaa013



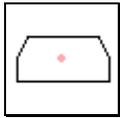
準備  
xaa014



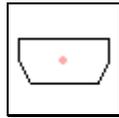
判断  
xaa015



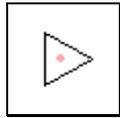
ループ始端  
xaa016



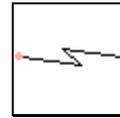
ループ終端  
xaa017



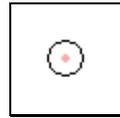
制御移行  
xaa018



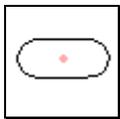
通信  
xaa019



結合子  
xaa020



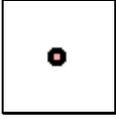
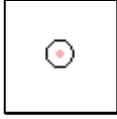
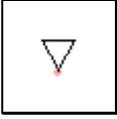
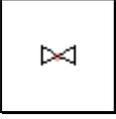
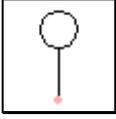
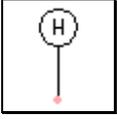
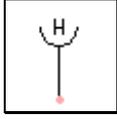
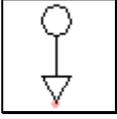
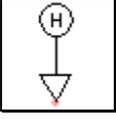
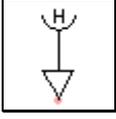
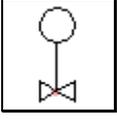
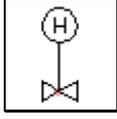
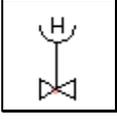
端子  
xaa021



# JIS Z8204 計装用記号

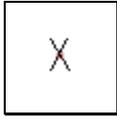
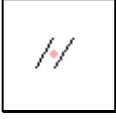
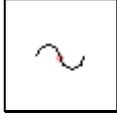
## 基本記号

### 接続・流れ方向・測定点・調節部

<p>信号線 zaa001</p> 	<p>接続点 zaa002</p> 	<p>流れ方向 zaa003</p> 	<p>測定点 zaa004</p> 	<p>調節端</p> 
<p>調節端 (調節端がバルブの場合) zaa006</p> 	<p>操作部 (自動操作) zaa007</p> 	<p>操作部 (自動操作+手動操作) zaa008</p> 	<p>操作部 (手動操作) zaa009</p> 	<p>調節部 zaa010</p> 
<p>調節部 zaa011</p> 	<p>調節部 zaa012</p> 	<p>調節部 zaa013</p> 	<p>調節部 zaa014</p> 	<p>調節部 zaa015</p> 

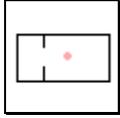
## 詳細記号

### 計器信号線

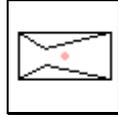
<p>電気信号 (E) zba001</p> 	<p>空気圧信号 (A) zba002</p> 	<p>油圧信号 (L) zba003</p> 	<p>細管 zba004</p> 	<p>導路がある放射 (放射線 / 可視光線) zba005</p> 
<p>内部結合 zba006</p> 	<p>空気圧信号 zba007</p> 	<p>油圧信号 zba008</p> 	<p>導路がある放射 zba009</p> 	

検出器・操作部・調節端他

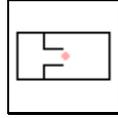
オリフイス  
zbb001



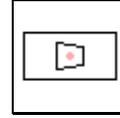
ベンチュリー管  
zbb002



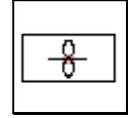
ノズル  
zbb003



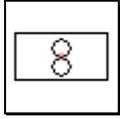
面積式流量計  
zbb004



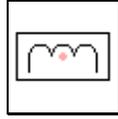
タービン式流量計  
zbb005



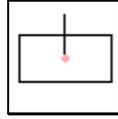
容積式流量計  
zbb006



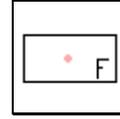
電磁流量計  
zbb007



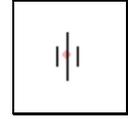
挿入形流量計  
zbb008



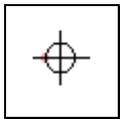
取付け形流量計  
zbb009



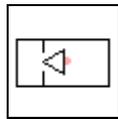
オリフイス  
zbb010



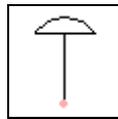
タンクゲージ  
zbb011



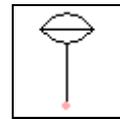
調節弁  
zbb012



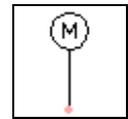
ダイヤフラム式操作部  
zbb013



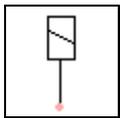
ダイヤフラム式操作部  
(圧力バランス形)  
zbb014



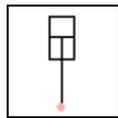
電動式操作部  
zbb015



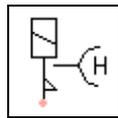
電磁式操作部  
zbb016



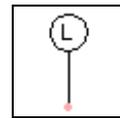
ピストン式操作部  
zbb017



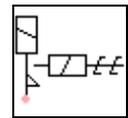
手動リセット付操作部  
zbb018



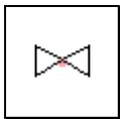
手動リセット付電磁式操作部  
zbb019



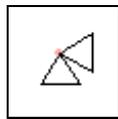
油圧式操作部  
zbb020



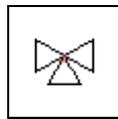
バルブ  
zbb021



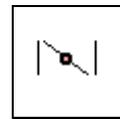
アングル弁  
zbb022



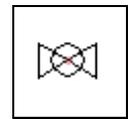
三方弁  
zbb023



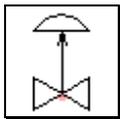
バタフライ弁 / ダンパ / ノルバ  
zbb024



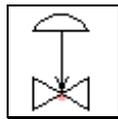
ボール弁  
zbb025



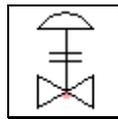
動力源が零の時に  
開くバルブ  
zbb026



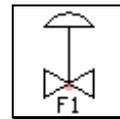
動力源が零の時に  
閉じるバルブ  
zbb027



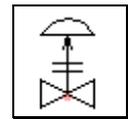
動力源が零の時に  
直前の開度を保つバルブ  
zbb028



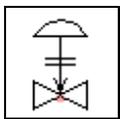
動力源が零の時に  
開度が不定となるバルブ  
zbb029



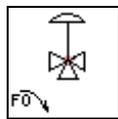
動力源が零の時に許容移  
動方向を示すバルブ  
zbb030



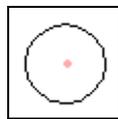
動力源が零の時に許容移  
動方向を示すバルブ  
zbb031



動力源が零の時に  
下側への出口が開くバルブ  
zbb032



伝送器  
zbb033



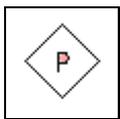
伝送器 属性付  
zbb034



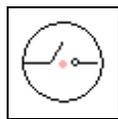
ダイヤフラムシール  
zbb035



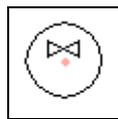
バー  
zbb036



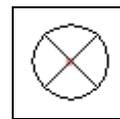
切替えスイッチ  
zbb037



切替えバルブ  
zbb038

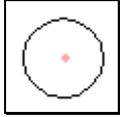


伝送器  
zbb039

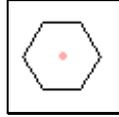


監視操作場所

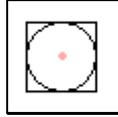
計器一般  
(現場)  
zbc001



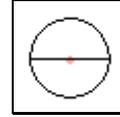
コンピュータ/コンピュータ入出力  
(現場)  
zbc002



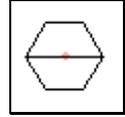
CRT/マルチプロントラ  
(現場)  
zbc003



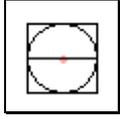
計器一般  
(計器室)  
zbc004



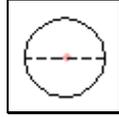
コンピュータ/コンピュータ入出力  
(計器室)  
zbc005



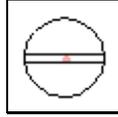
CRT/マルチプロントラ  
(計器室)  
zbc006



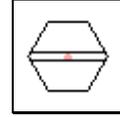
計器一般  
パネル裏設置  
zbc007



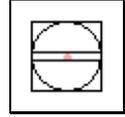
計器一般  
(現場盤)  
zbc008



コンピュータ/コンピュータ入出力  
(現場盤)  
zbc009



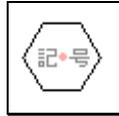
CRT/マルチプロントラ  
(現場盤)  
zbc010



計器一般  
(現場) 属性付  
zbc011



コンピュータ/コンピュータ入出力  
(現場) 属性付  
zbc012



CRT/マルチプロントラ  
(現場) 属性付  
zbc013



計器一般  
(現場) 属性付  
zbc014



コンピュータ/コンピュータ入出力  
(現場) 属性付  
zbc015



CRT/マルチプロントラ  
(現場) 属性付  
zbc016



計器一般  
(計器室)  
zbc017



コンピュータ/コンピュータ入出力  
(計器室) 属性付  
zbc018



CRT/マルチプロントラ  
(計器室) 属性付  
zbc019



計器一般 パネル裏設置  
属性付  
zbc020



計器一般  
(現場盤) 属性付  
zbc021



コンピュータ/コンピュータ入出力  
(現場盤) 属性付  
zbc022



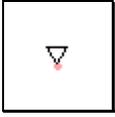
CRT/マルチプロントラ  
(現場盤) 属性付  
zbc023



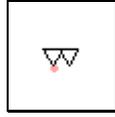
## その他

### 仕上げ記号

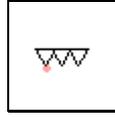
三角記号(荒仕上げ)  
p1ba01



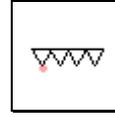
仕上記号(並仕上げ)  
p1ba02



仕上記号(上仕上げ)  
p1ba03



仕上記号(精密仕上げ)  
p1ba04



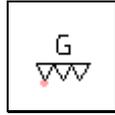
仕上記号  
p1ba05



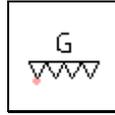
p1ba12



p1ba13

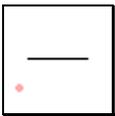


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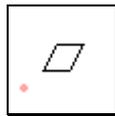


### 幾何公差

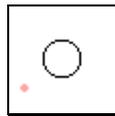
真直度  
baa001



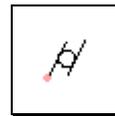
平面度  
baa002



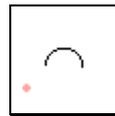
真円度  
baa003



円筒度  
baa004



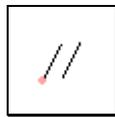
線の輪郭度  
baa005



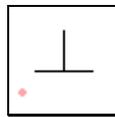
面の輪郭度  
baa006



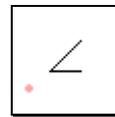
平行度円周振れ公差  
baa007



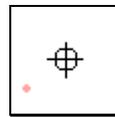
直角度  
baa008



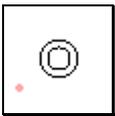
傾斜度  
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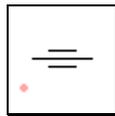
位置度  
baa010



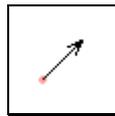
同軸度/同心度  
baa011



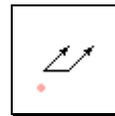
対称度  
baa012



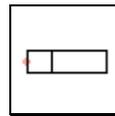
円周振れ  
baa013



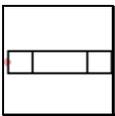
全振れ  
baa014



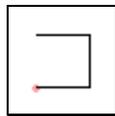
公差記入枠  
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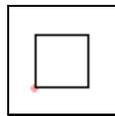
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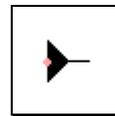
公差記入枠  
baa017



デーラム枠  
baa018



デーラム矢印  
baa019



デーラム文字記号  
baa020

