



KAM系列凸轮开关

Cam Switch

电流切换开关 Ampere Meta Type

电压切换开关 Voltage Meta Type

手柄式凸轮开关 Handle Lever Type

定制规格 Order Production

5



● 认证事项 ●
Certification



实用新型专利



■ 触点镀24K金

■ 结构特点 Features

触点单元

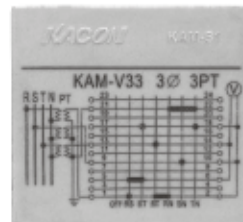
- 触点单元基座使用高强度PC材料制造
→ 耐高温、耐冲击抗振动性能优良
- 耐电弧性能、绝缘性能优良

触点具有自清洁功能

- 长时间闲置不用或在恶劣环境下使用防止触点不因氧化腐蚀及污染导致接触不良
- 银合金触点并电镀24K金处理
- 触点表面纹理化处理，使接触可靠性提高

安全保护盖

- 尼龙材料制造
→ 防止手指触摸带电部位造成触电事故及做为标记板功能具有安全性，便利性
- 触点动作指示图和接线指示图
→ 便于接线及检测电路调试等



面板

- 高级标示板-热处理
- 防止变色及滑份表面处理
- 拆分/安装简单容易
- 可以根据需要印刷标志字符

含油性POM凸轮

- 持续的自动释放润滑油性能
→ 长期、持续润滑性能
- 动作手感顺滑柔和
- 确保触点通断可靠性，提高机械寿命

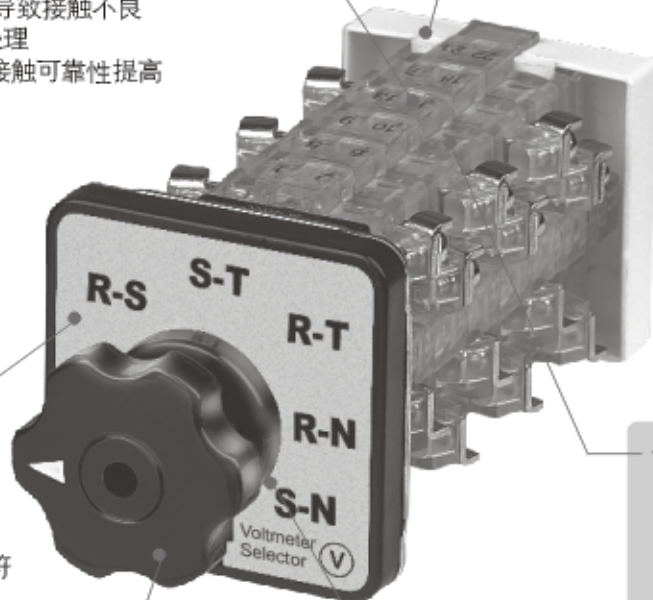
防护橡胶圈

- 防止等级IP65
- 防止外部灰尘异物等进入盘内
→ 防止故障发生及影响动作可靠性



旋转手柄

- 提供多种形式可选择
- 采用尼龙材料制造，强度高、耐冲击、耐环境性能优良
- 可按使用要求提供其他颜色和标记印刷处理



性能参数

1、一般性能 General Specification

项目 Item		参数 Performance
寿命 Life Time	机械 Mechanical	above 500,000 times-switching freq.: 20分/min.
	电气 Electrical	above 200,000 times-switching freq.: 20分/min.
绝缘电阻 Insulation Resistance		Above 100MΩ DC 500V, Mega
接触电阻 Contact Resistance		below 50MΩ initial value
耐电压 Dielectric Voltage		AC 2,500V/min. 50/60Hz
耐振动 Dielectric Vibration		10~55Hz, double amplitude 1.5mm
耐冲击 Dielectric Shock		about 30G 300m/s ²
动作频率 Operating Force		450G
环境温度 Ambient Temperature		-5~+70°C(无凝露、无结冰)
相对湿度 Relative Humidity		45~85%

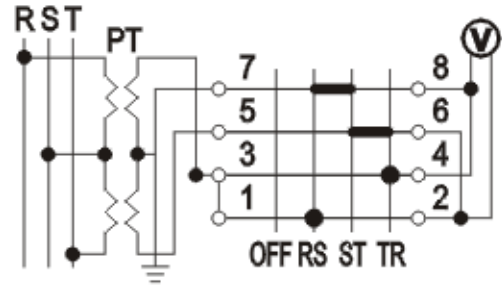
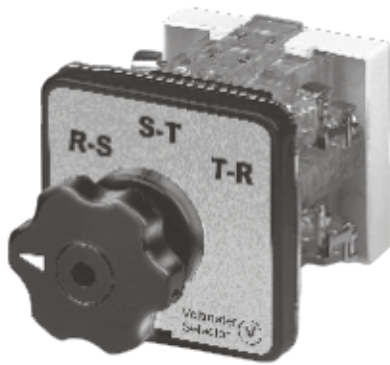
2、触点部位 Contact

交流 (AC)	额定电压 Rated Voltage		125V	250V	440V
	额定电流 Rated Current		15A	10A	3A
	短路电流 Breaking Current		闭路断开电流=额定电流×2.2 (Closed breaking = rating current × 2.2)		
直流 (DC)	额定电压 Rated Voltage		24V	110V	220V
	电阻 Resistance	额定电流 Rated Current	10A	5A	3A
		分断电流 Breaking Current	闭路断开电流=额定电流×1.1 (Closed breaking = rating current × 1.1)		
	感性 Induction	额定电流 Rated Current	5A	1.2A	0.45A
		分断电流 Breaking Current	闭路断开电流=额定电流×1.1 (Closed breaking = rating current × 1.1)		
约定发热电流 Rated conductive Current		20A			

3、材质 Materials

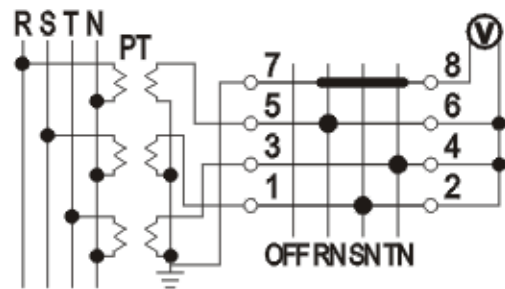
壳体 Body	尼龙 Polycarbonate Resin
凸轮 CAM	含油性POM
触点 Contact	Ag Alloy+24 K 电镀24K金
接线端子 Terminal	黄铜(Brass)+Ni Plt
螺丝 Bolt	Fe+Ni Plt
弹簧 Spring	不锈钢
手柄 Handel	尼龙 Polycarbonate Resin

KAM-CV2



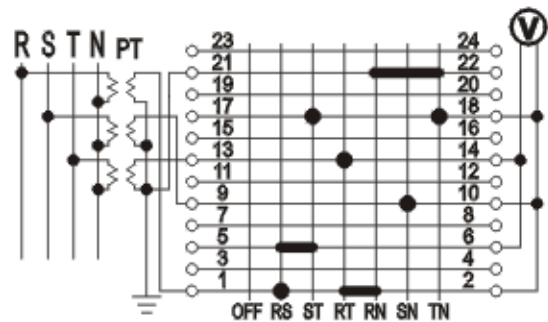
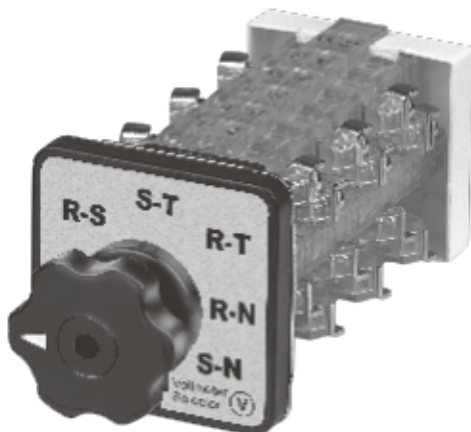
voltmeter, 3 Φ 2PT circuit

KAM-CV3



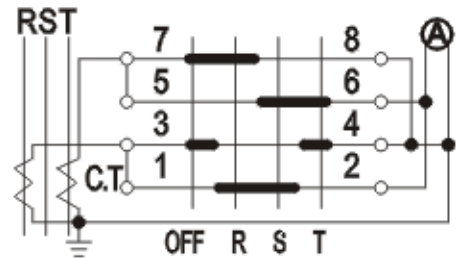
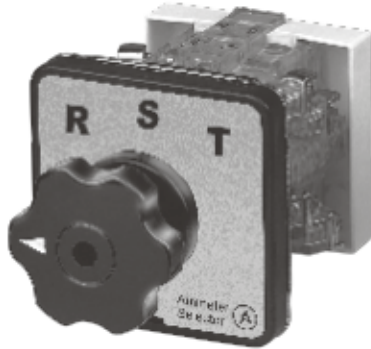
voltmeter, 3 Φ 3PT circuit

KAM-CV33



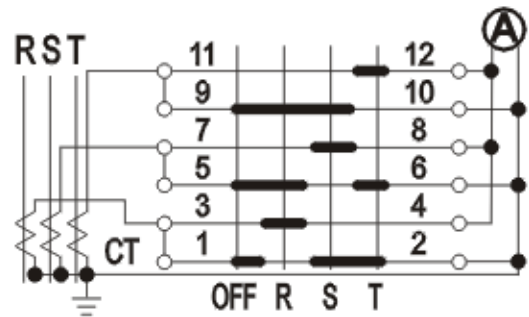
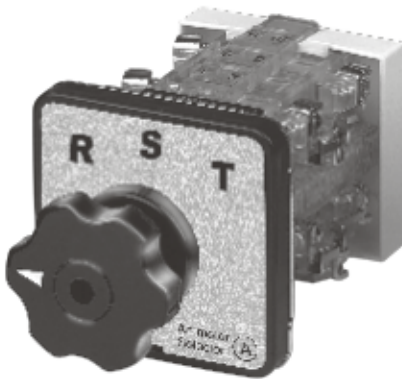
voltmeter, 3 Φ 3PT 复合型 composite type

KAM-CA2



amperemeter, 3 Φ 2CT circuit

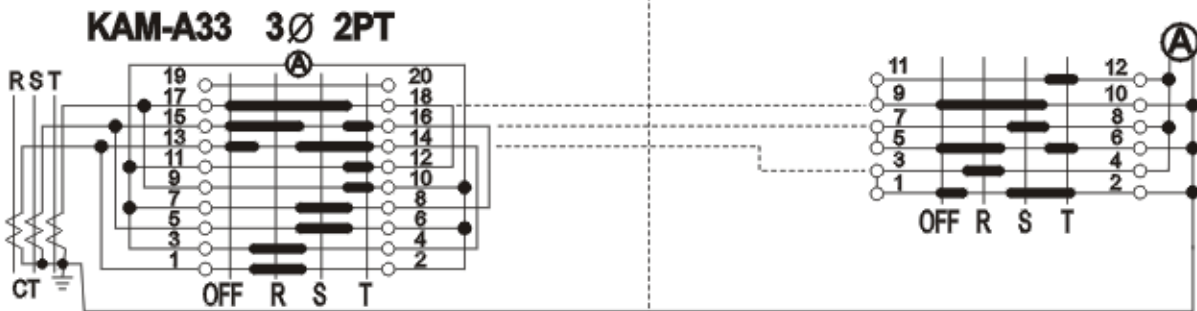
KAM-CA3



amperemeter, 3 Φ 3CT circuit

KAM-CA33

KAM-CA3



管帽型, AS penetrating type, AS 3 Φ 3CT circuit

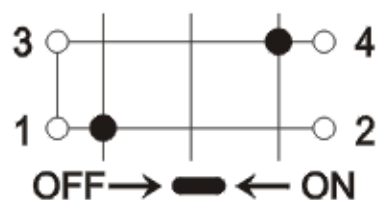
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KAM-HCS1

自动复位



KAM-HCS1

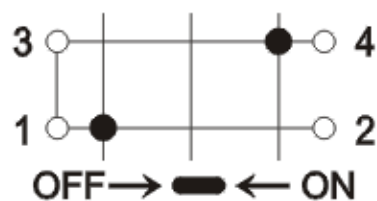


KAM-HCS2

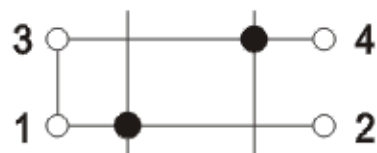
拉拔选择/自动复位



KAM-HCS2



KAM-IC2010



■可按要求组合各种电路形式

■ KAM-手柄型号 Knob Code



KAM-H



KAM-Y



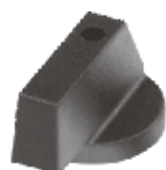
KAM-P



KAM-I



KAM-N



KAM-B



KAM-C



KAM-F



KAM-E



KAM-X

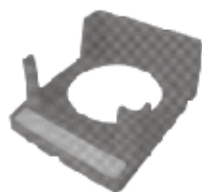
■ 防护性面板 & 可挂锁保护盖

※ □ Color: R,G,Y,B

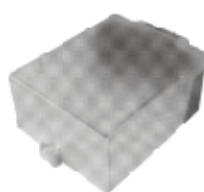
防护性面板
(Safety Guard with Name Plate)

可挂锁保护盖
(Safety Cover)

可挂锁保护盖
(Safety Guard & Cover)



KAM-G1□



KAM-C1□



KAM-C2□

※ KAM-G1,C1,C2□ Parts Applicable to Only Europe Handle Type "X"

■ 标牌



KAM-T1



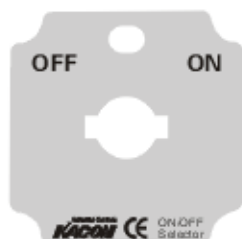
KAM-T2



KAM-T3



KAM-T4



KAM-H1



KAM-H2



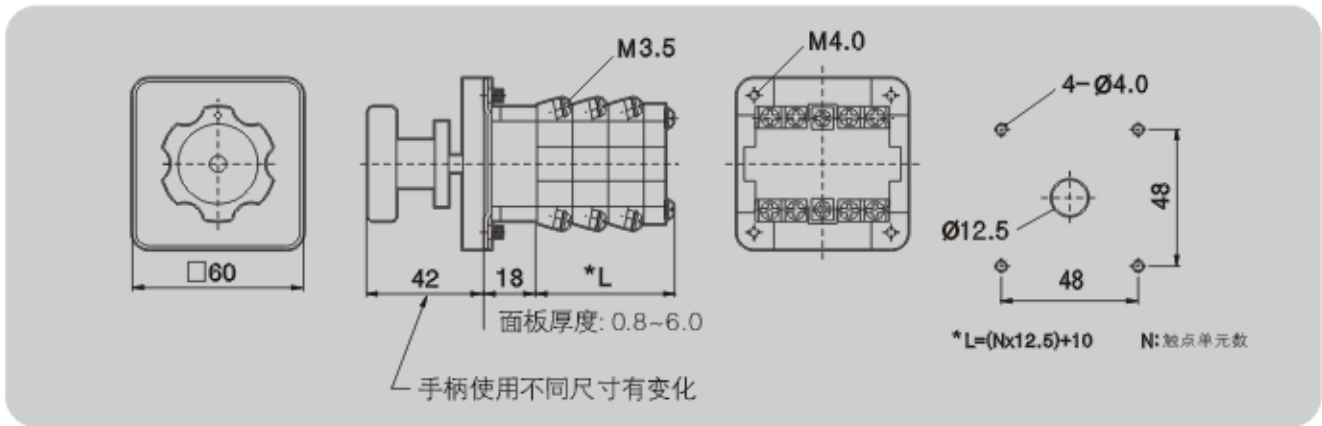
KAM-H3



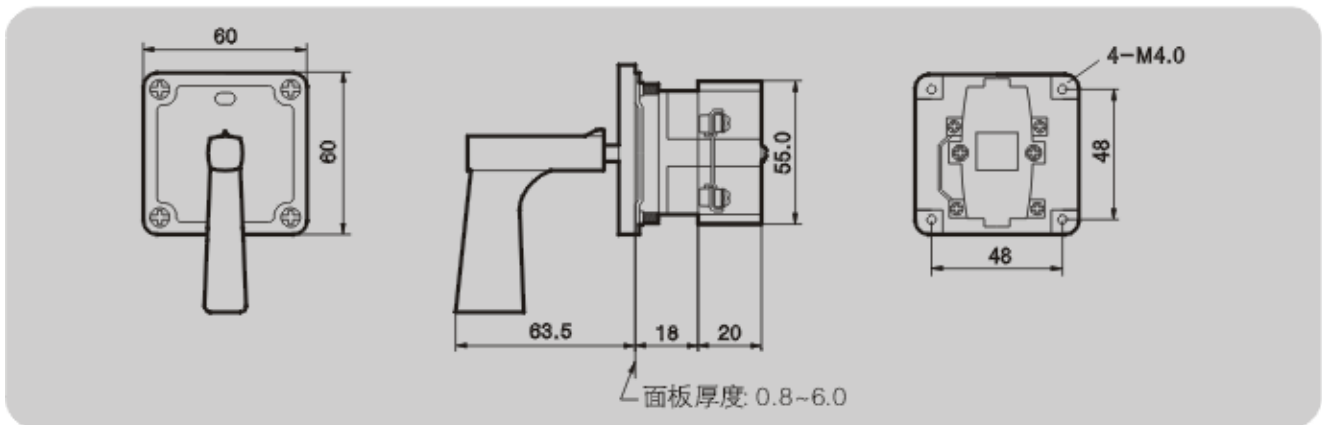
■ 可按要求制作标牌

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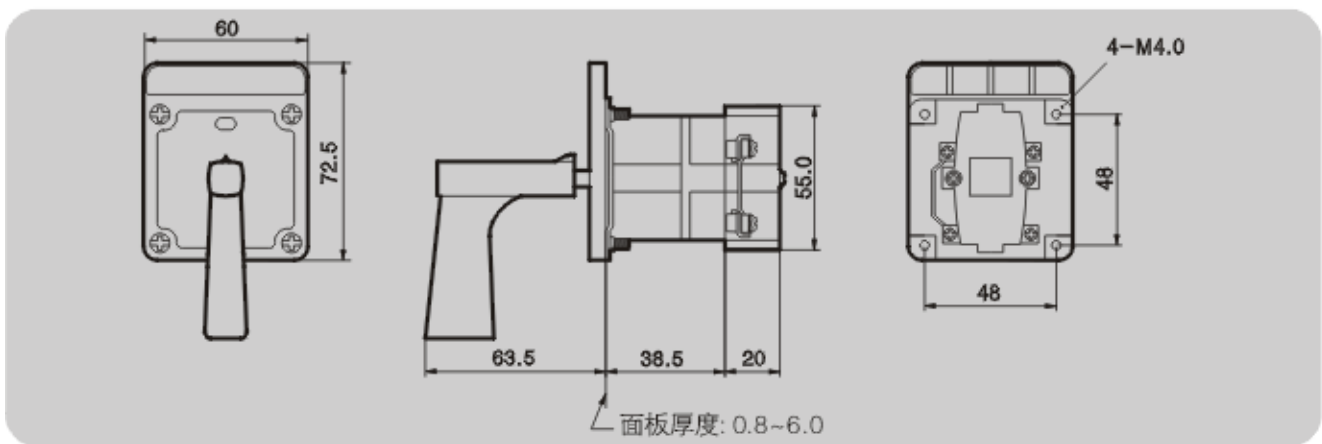
■ 尺寸图及面板开孔尺寸图



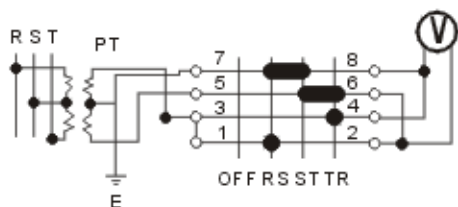
KAM-HCS1



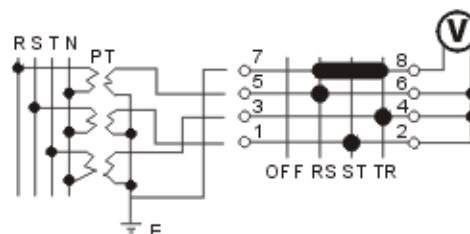
KAM-HCS2



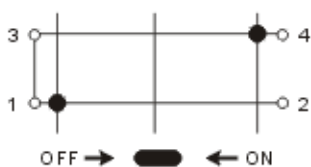
KAM-CV2(voltmeter, 3 \emptyset 2PT circuit)



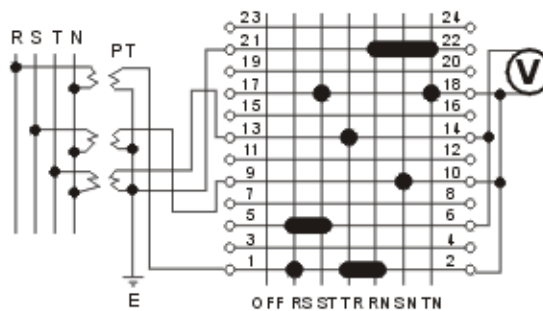
KAM-CV3(voltmeter, 3 \emptyset 3PT circuit)



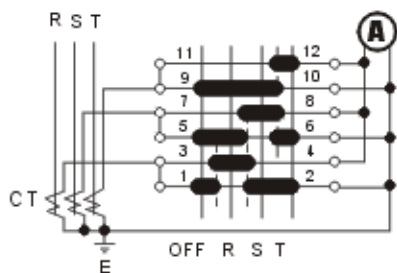
KAM-HCS1



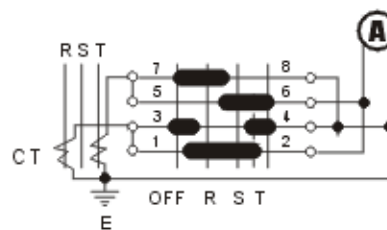
KAM-CV33(voltmeter, 3 \emptyset 3PT) (composite type)



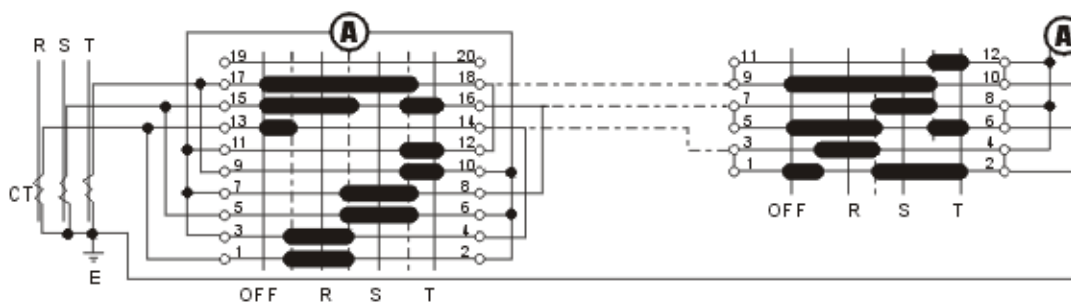
KAM-CA3(ampere meter, 3 \emptyset 3CT circuit)



KAM-CA2(ampere meter, 3 \emptyset 2CT circuit)



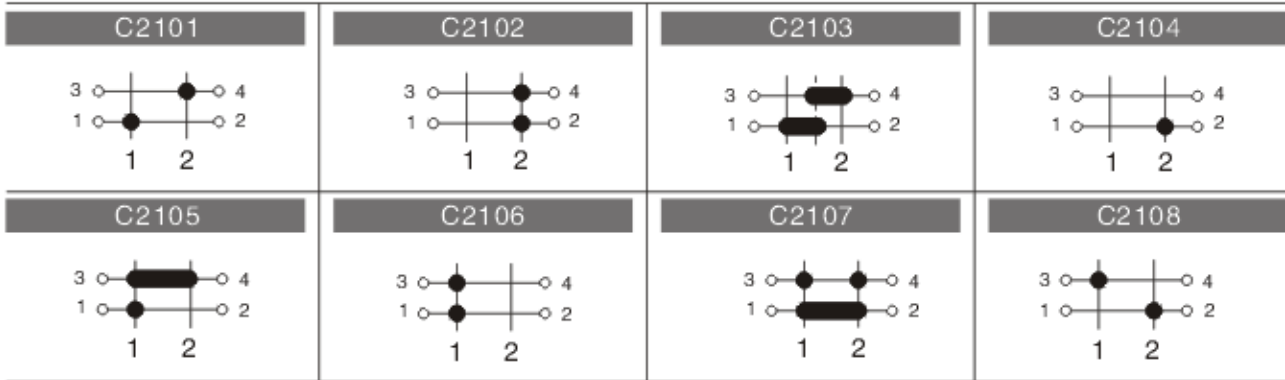
KAM-CA33(penetrating, AS)(penetrating type, AS 3 \emptyset 3CT circuit) CA3



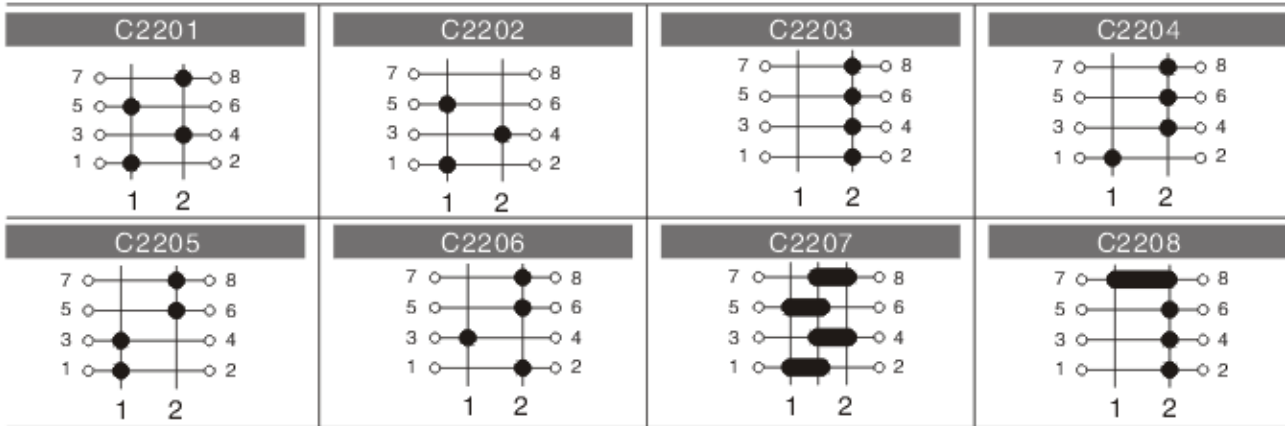


注意)非标准动作角度的动作位置时,触点单元需要增加。 Note)When standard transfer angle of position violates, contact block is added.

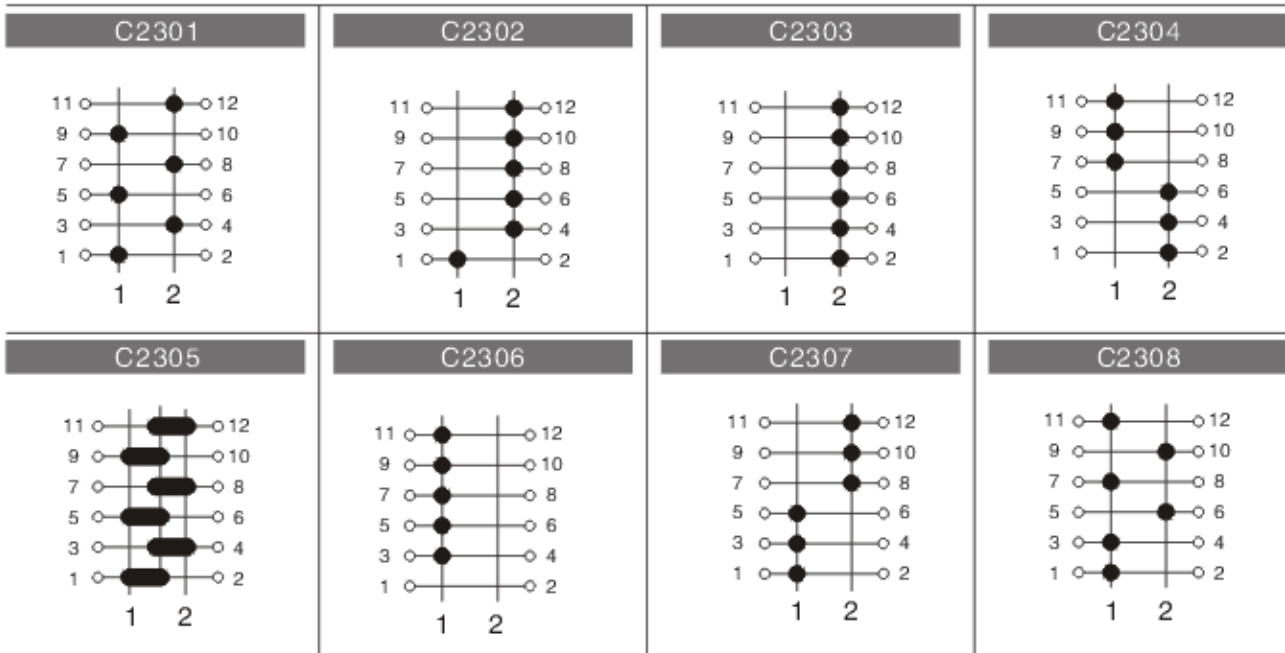
2-position, 1-contact block(90°)



2-position, 2-contact block(90°)

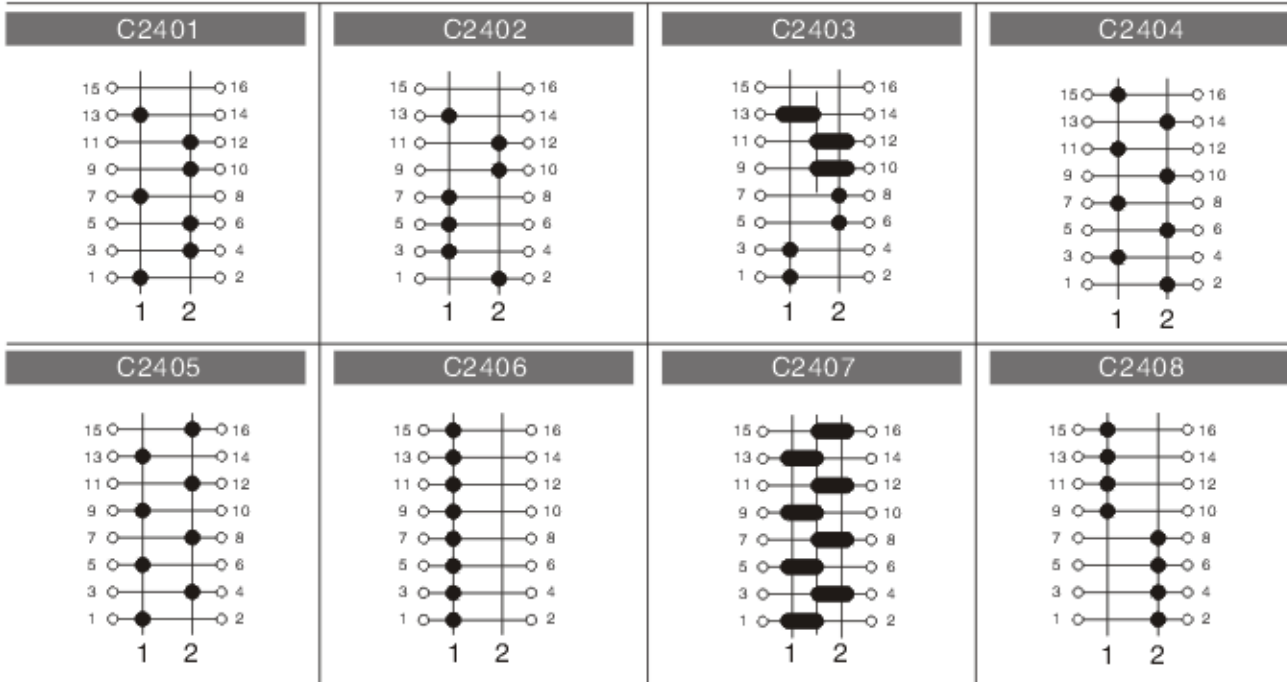


2-position, 3-contact block(90°)

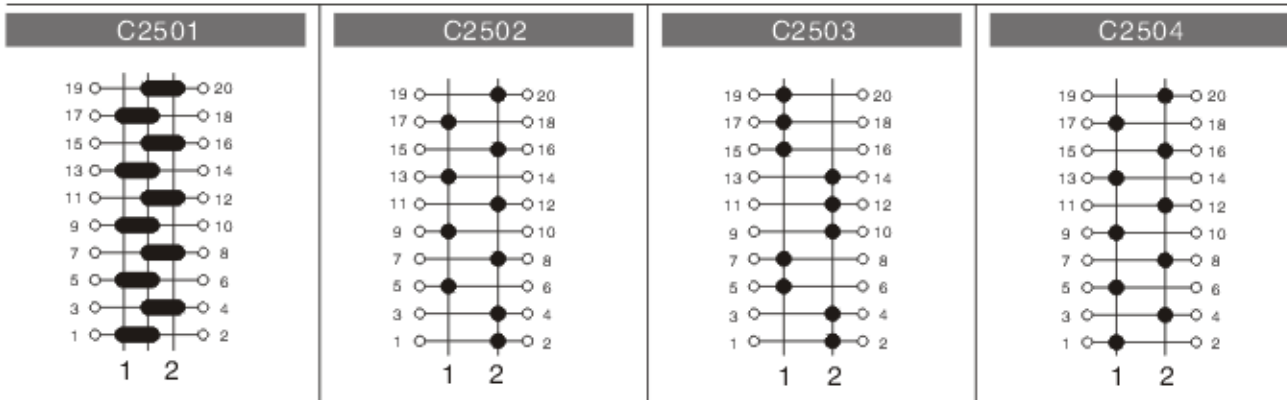




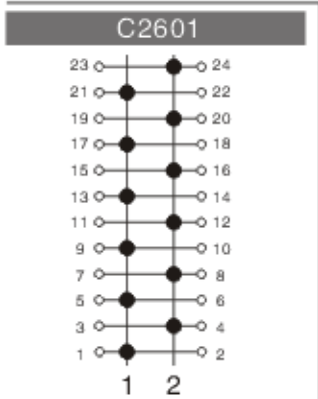
2-position, 4-contact block(90°)



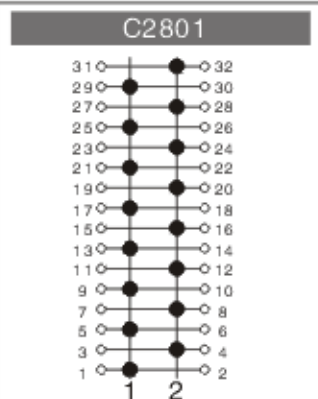
2-position, 5-contact block(90°)



2-position, 6-contact block(90°)

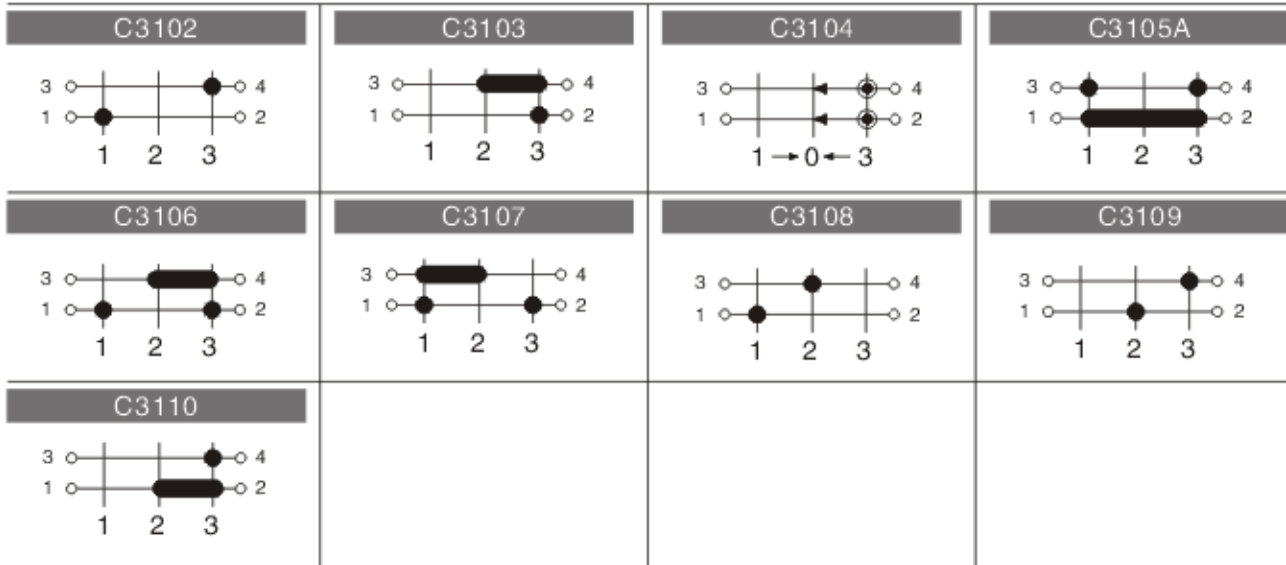


2-position, 8-contact block(90°)

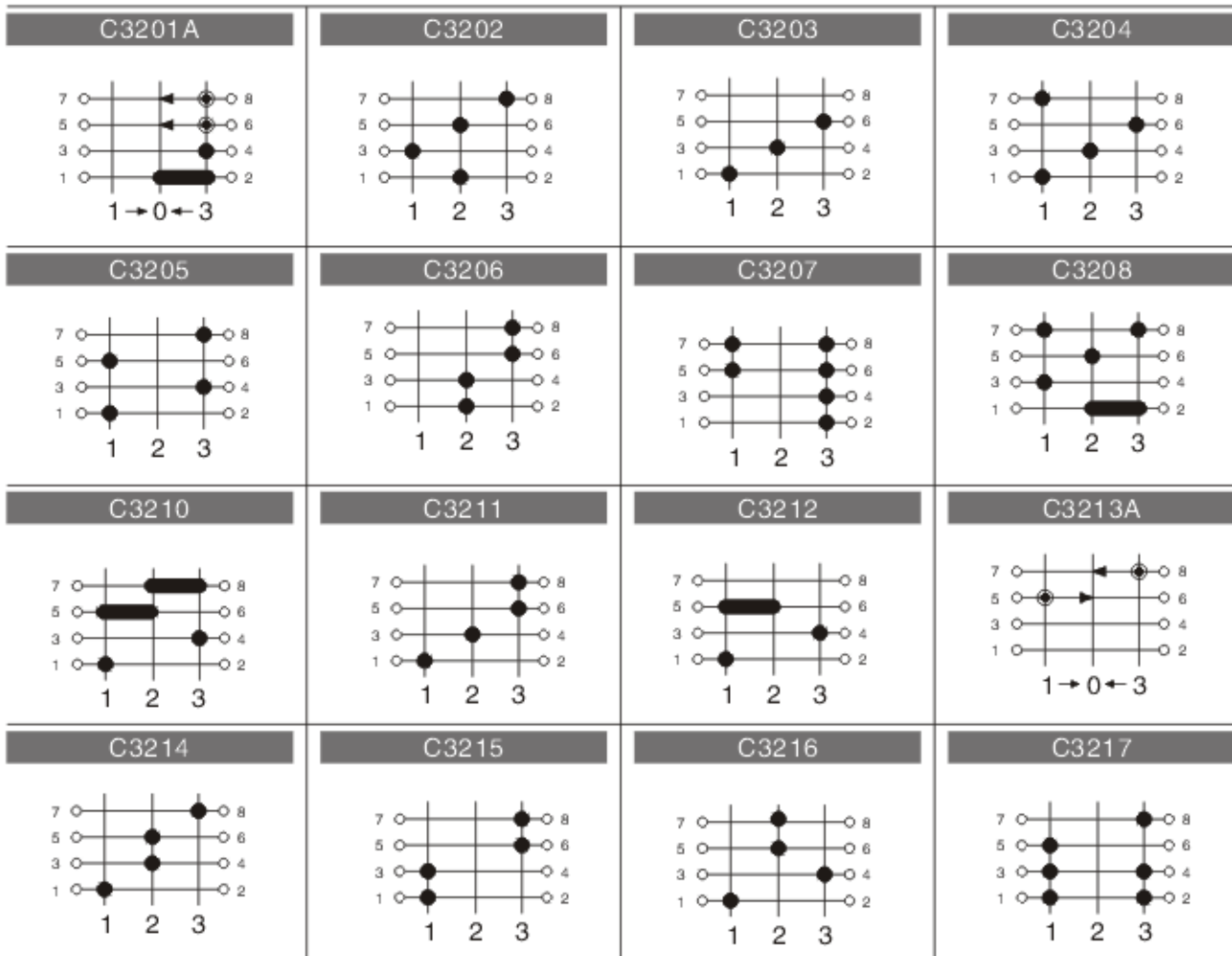




3-position, 1-contact block(45°)

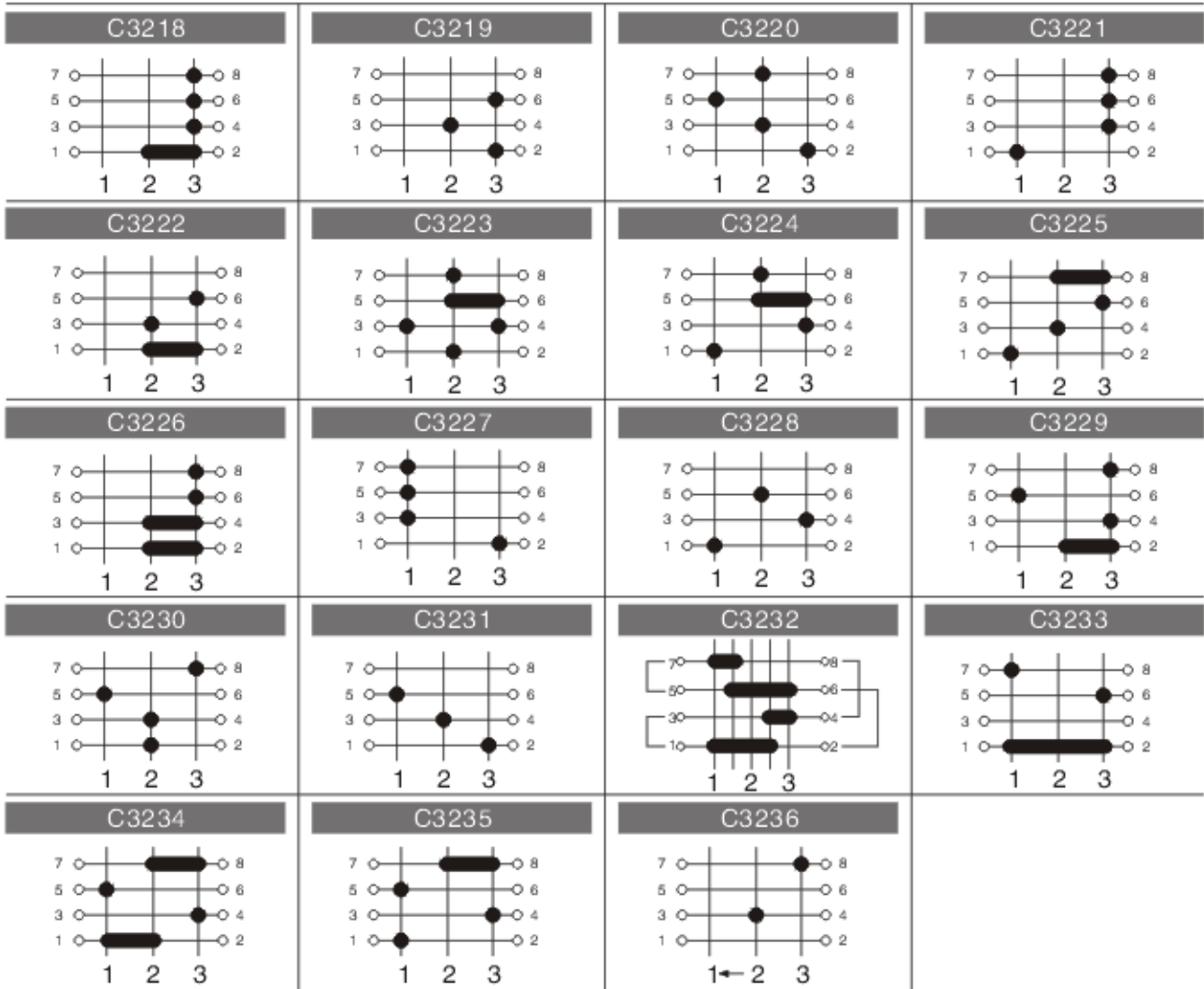


3-position, 2-contact block(45°)

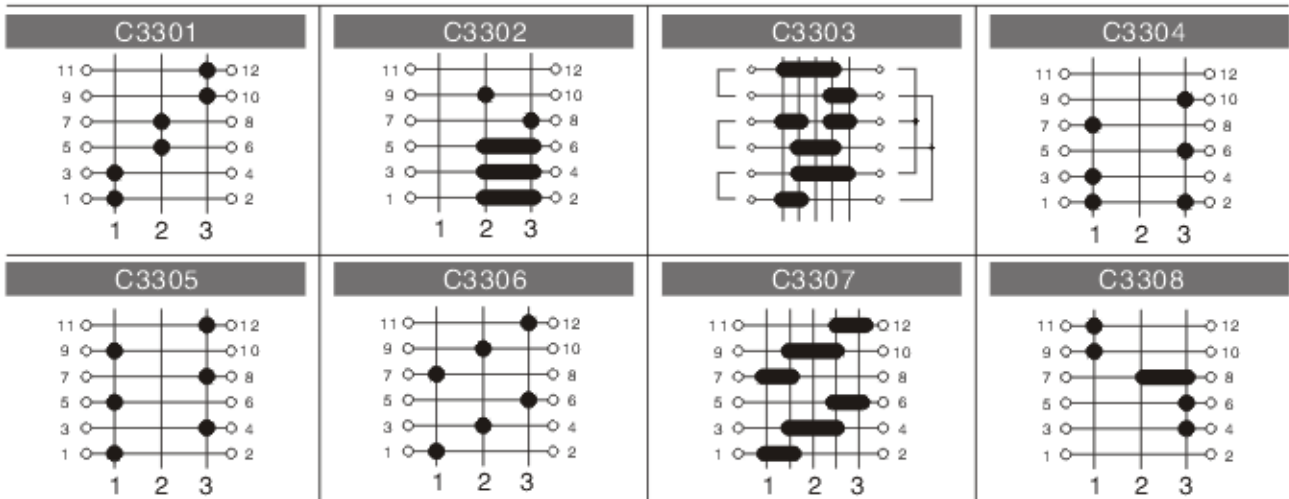




3-position, 2-contact block(45°)

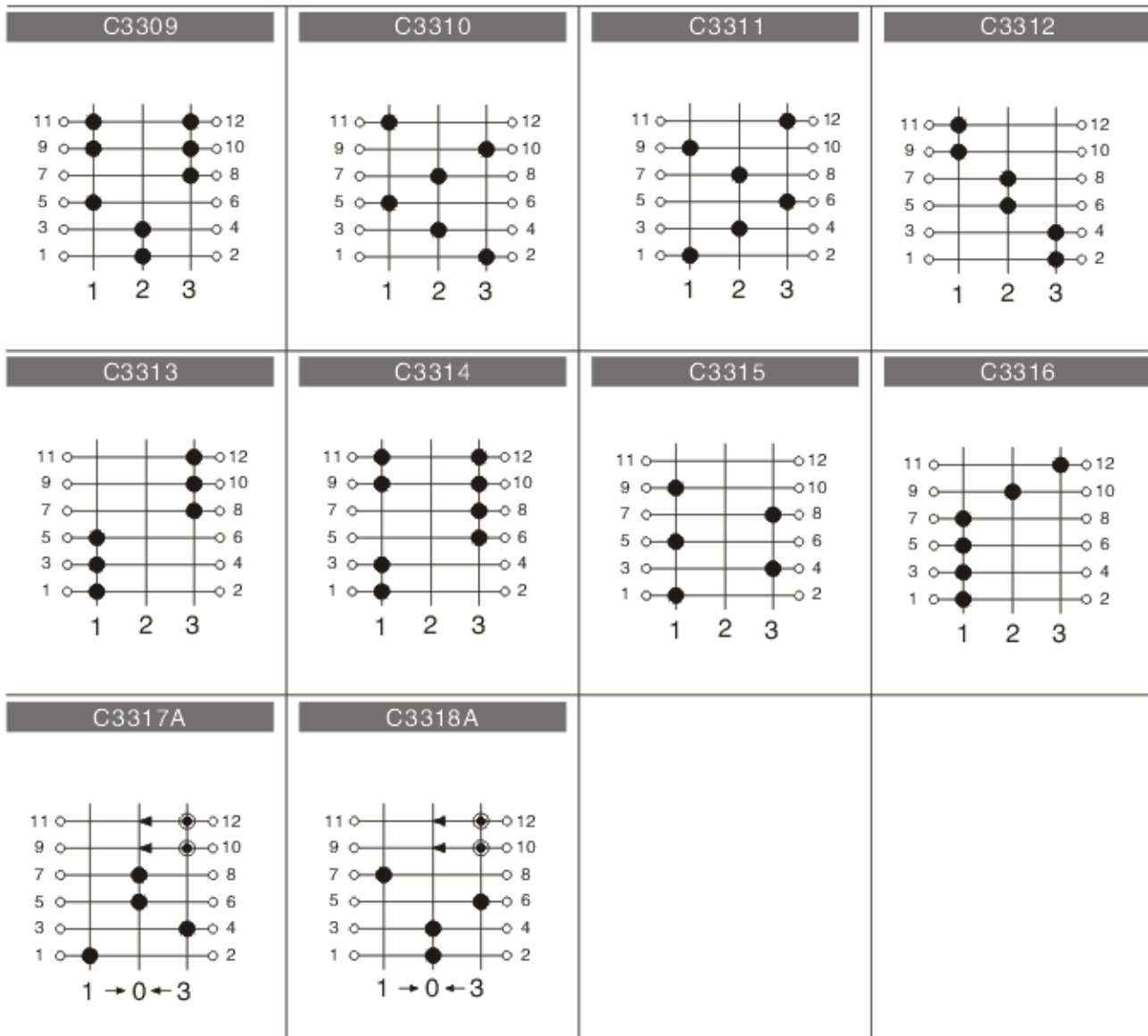


3-position, 3-contact block(45°)

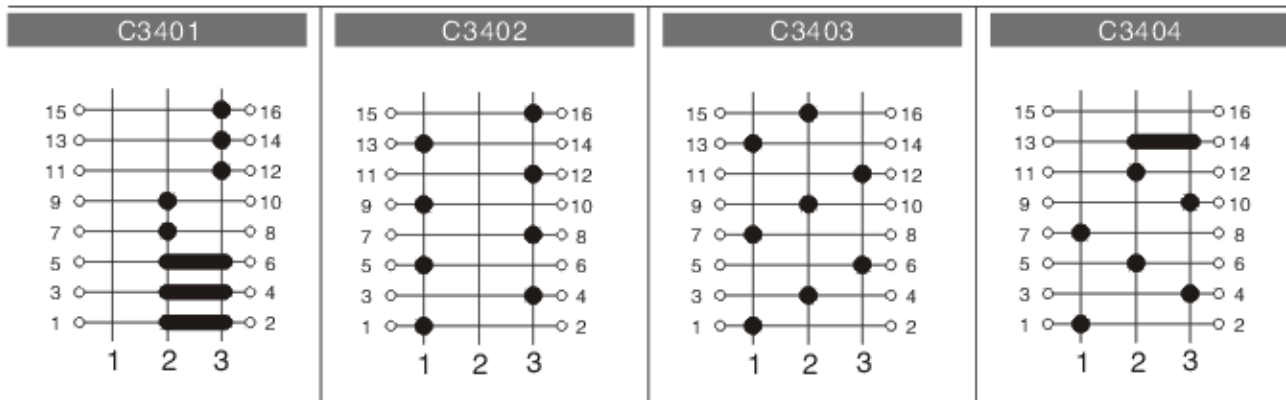




3-position, 3-contact block(45°)

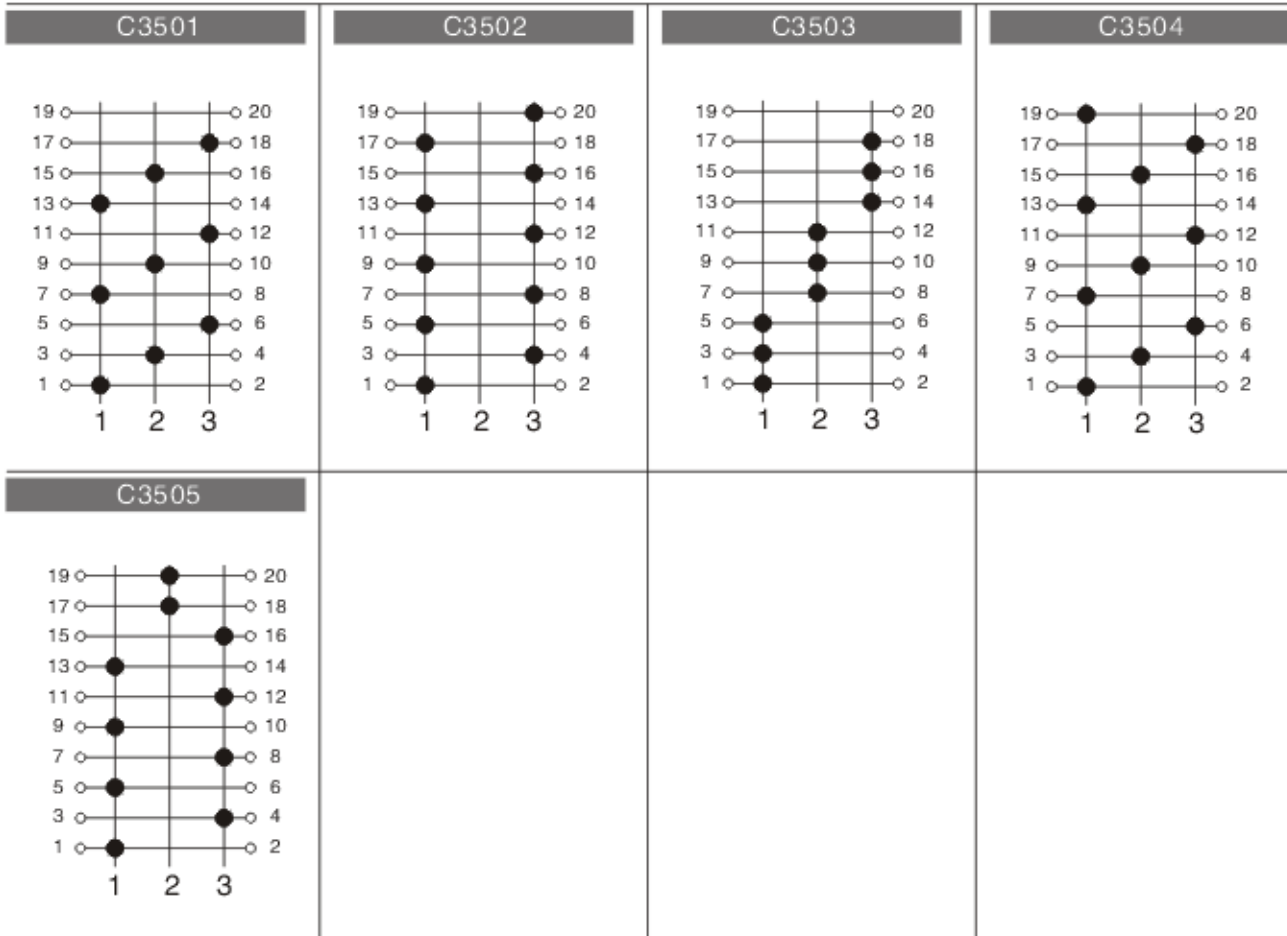


3-position, 4-contact block(45°)

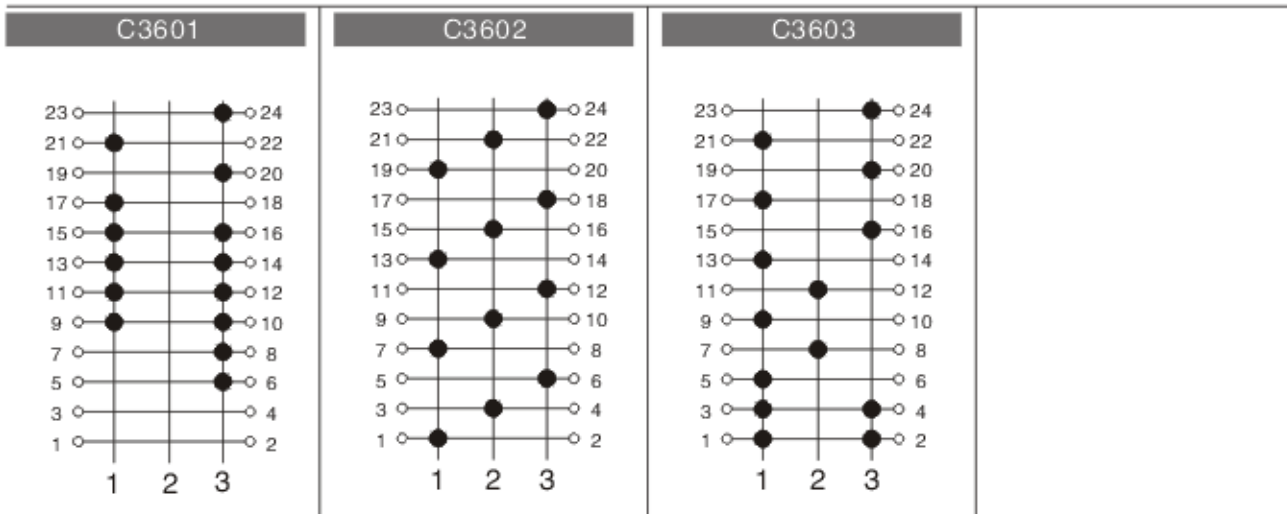




3-position, 5-contact block(45°)



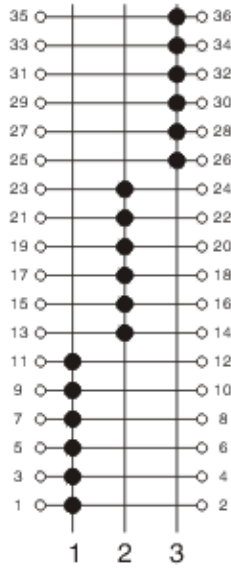
3-position, 6-contact block(45°)





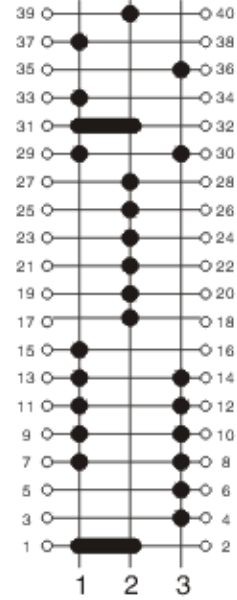
3-position, 9-contact block(45°)

C3901



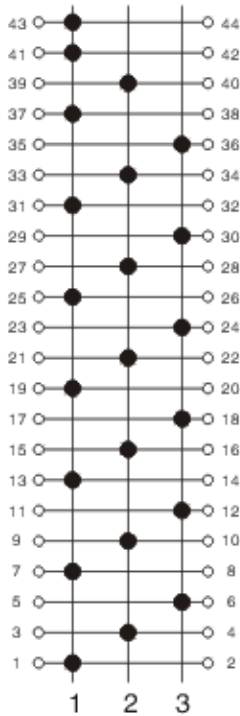
3-position, 10-contact block(45°)

C31001(C3001)

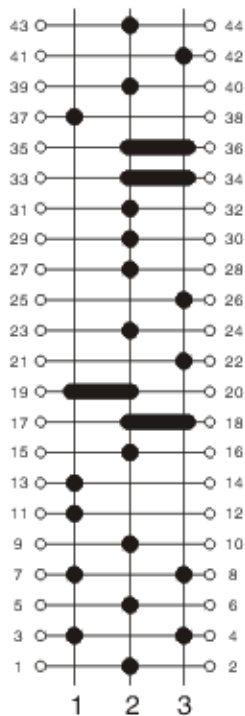


3-position, 11-contact block(45°)

C31101(C3011)

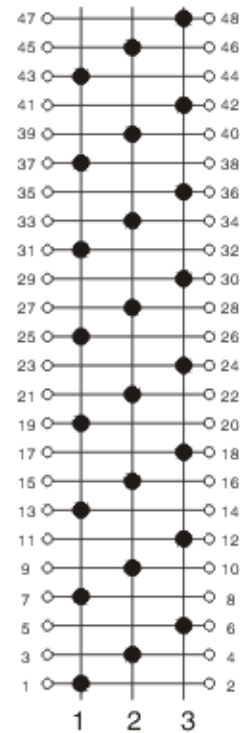


C31103(C3013)



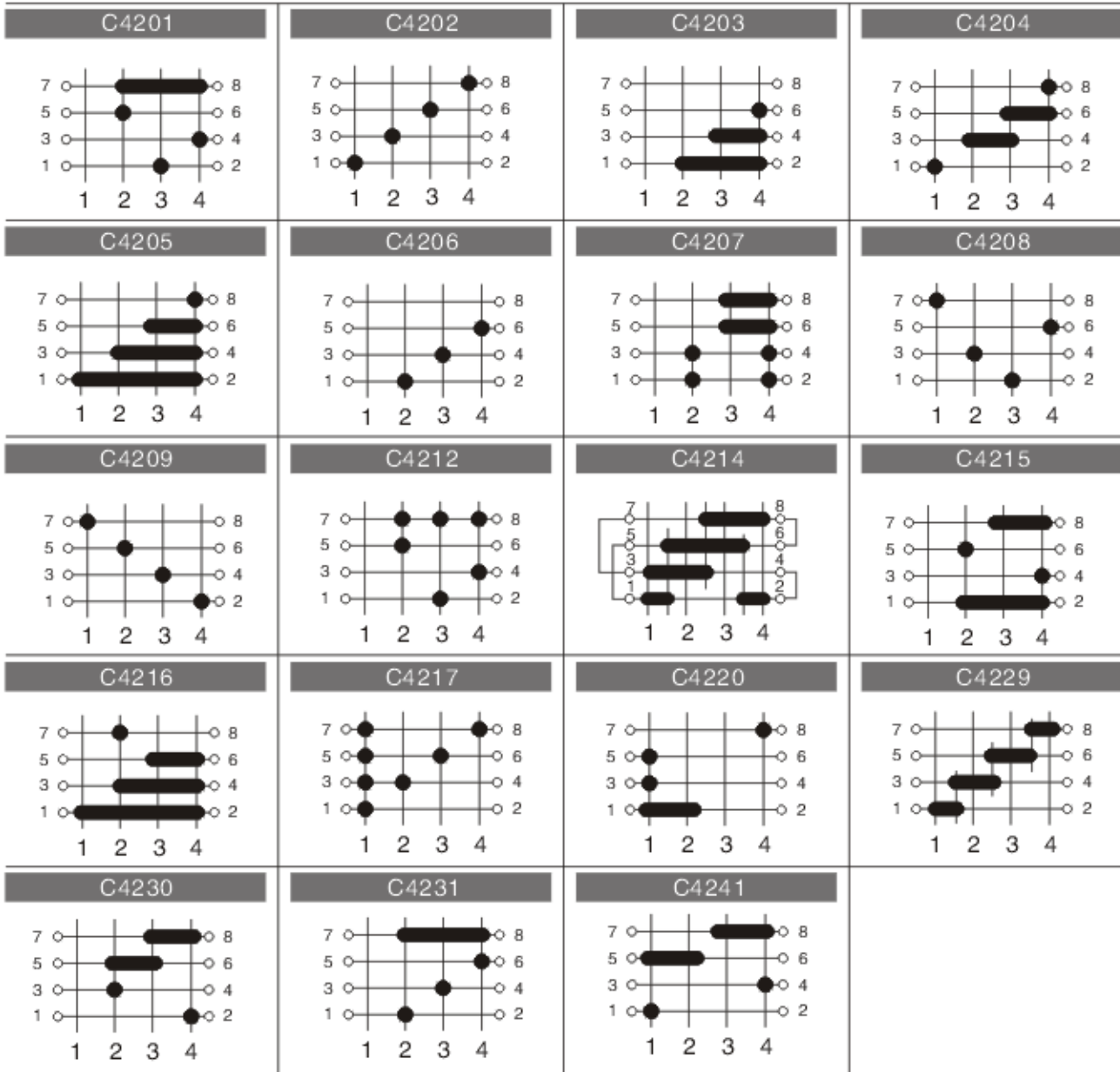
3-position, 12-contact block(45°)

C31201(C3021)

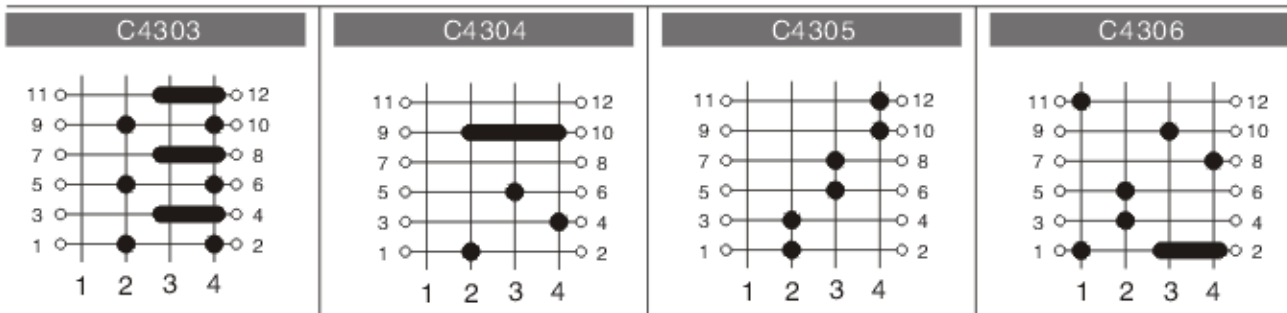




4-position, 2-contact block(45°)

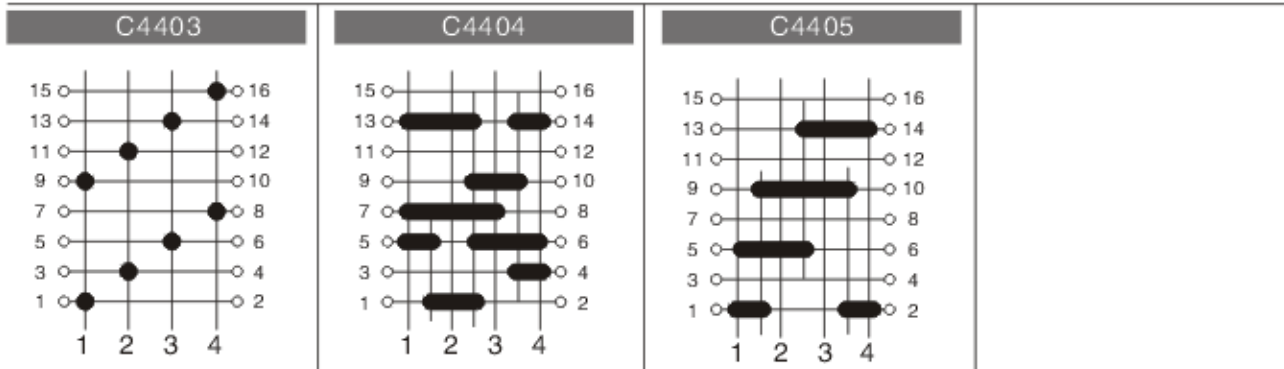


4-position, 3-contact block(45°)





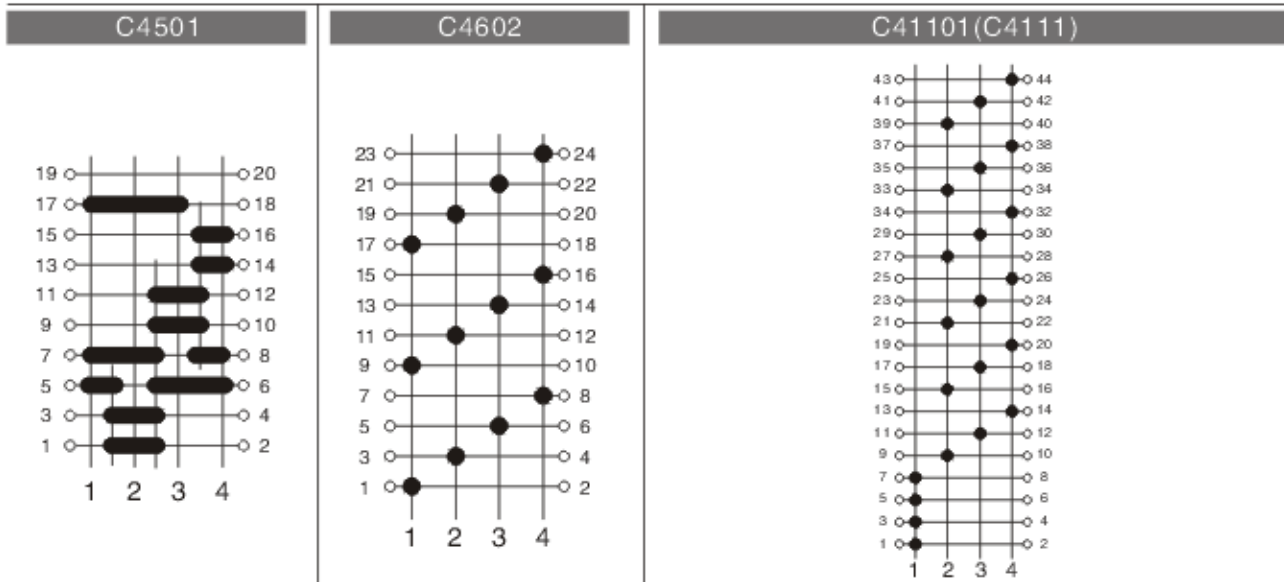
4-position, 4-contact block(45°)



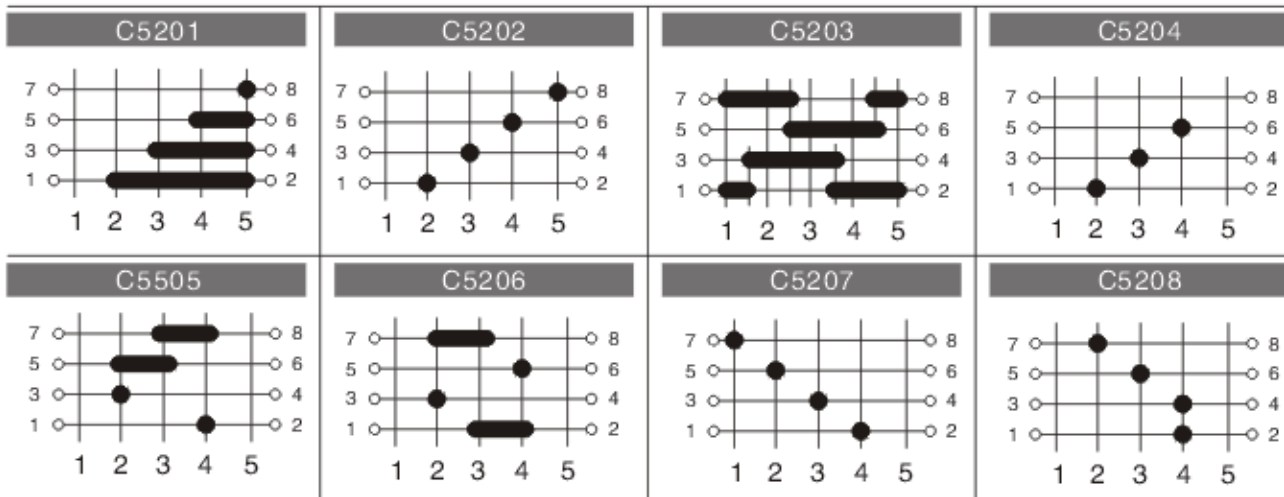
4-position, 5-contact block(45°)

4-position, 6-contact block(45°)

4-position, 11-contact block(45°)



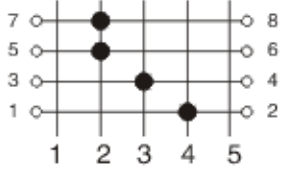
5-position, 2-contact block(30°)



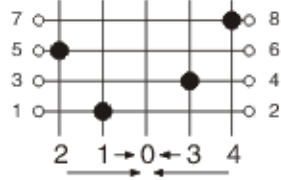


5-position, 2-contact block(30°)

C5201

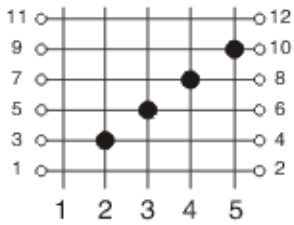


C5202

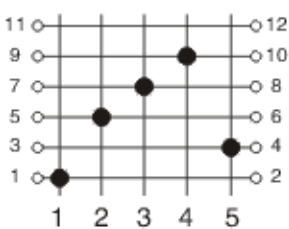


5-position, 3-contact block(30°)

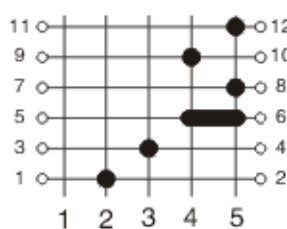
C5301



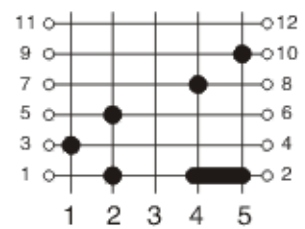
C5302



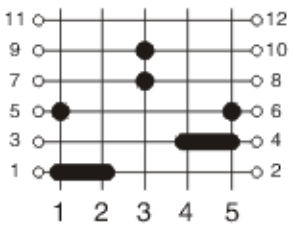
C5303



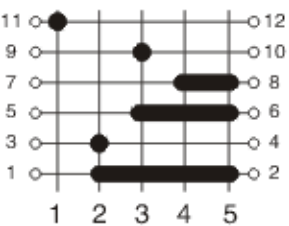
C5304



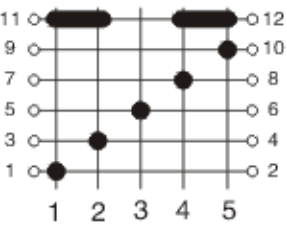
C5305



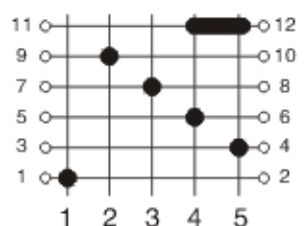
C5306



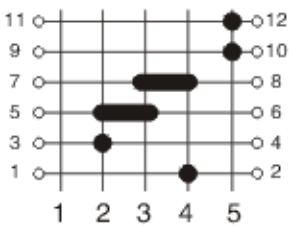
C5309



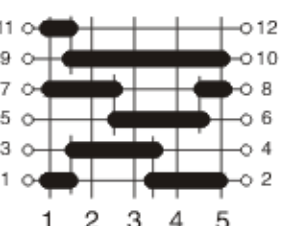
C5310



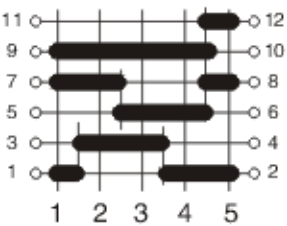
C5311



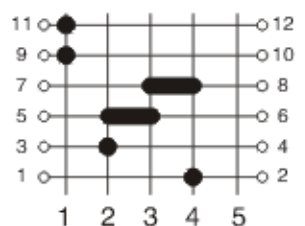
C5312



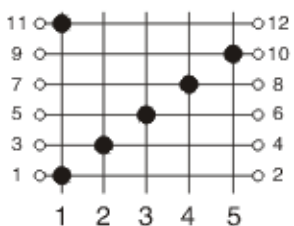
C5313



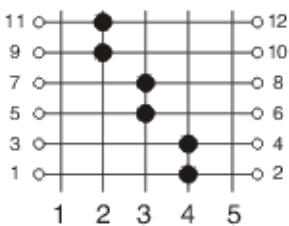
C5314



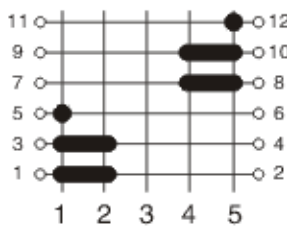
C5315



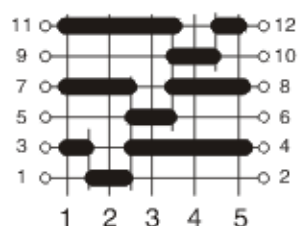
C5316



C5317

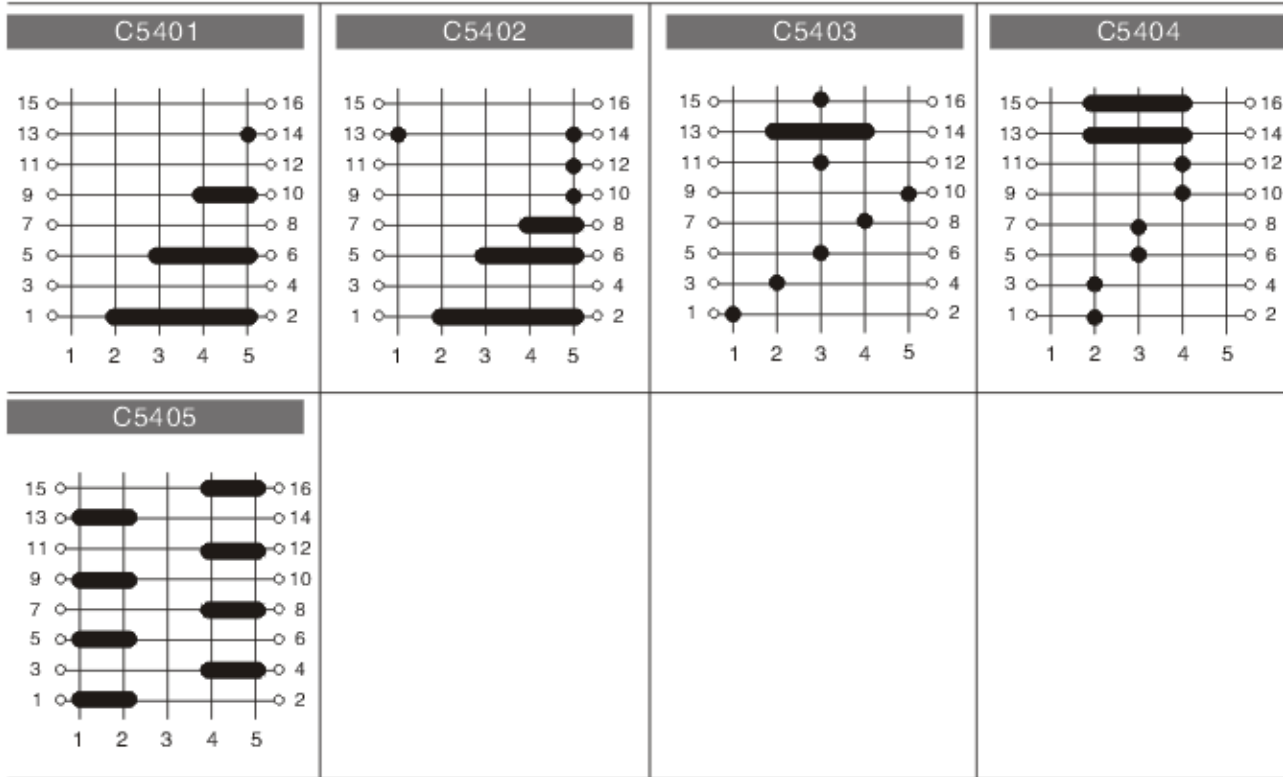


C5318

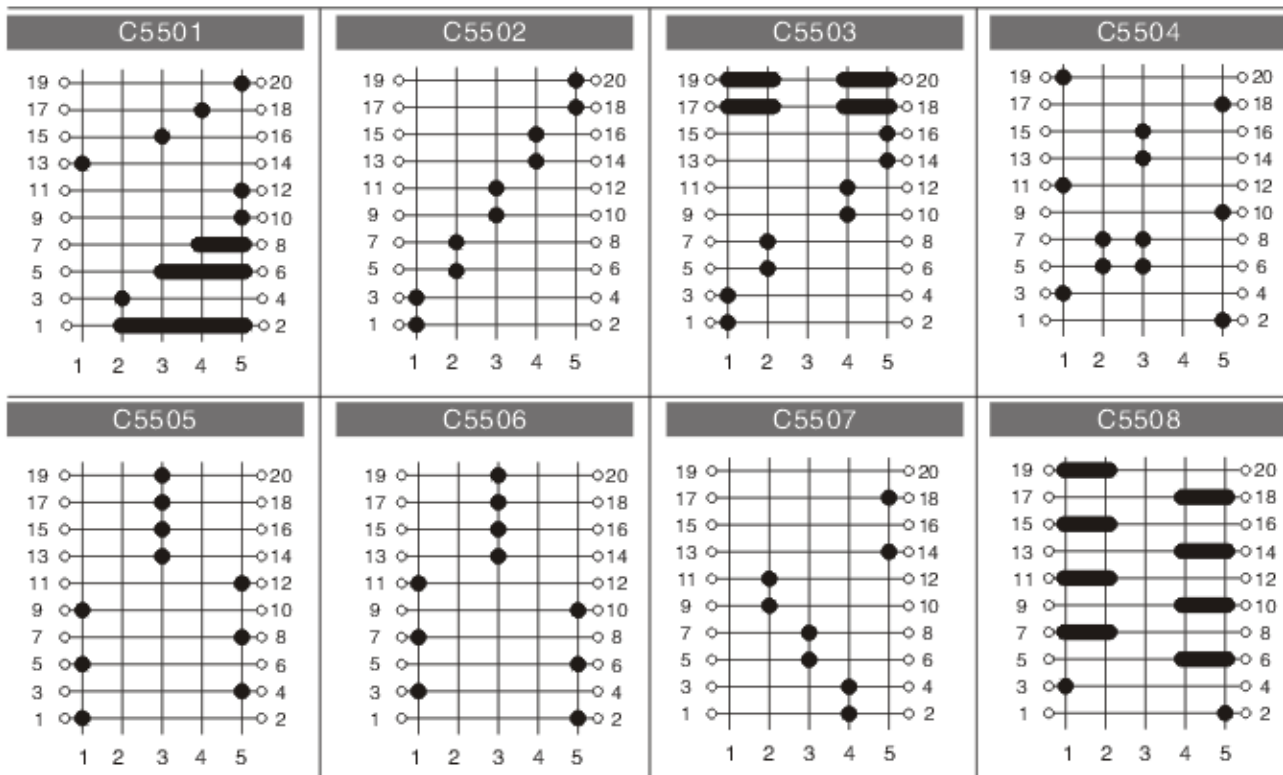




5-position, 4-contact block (30°)



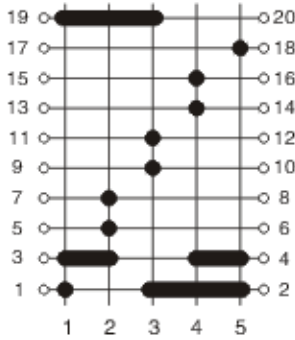
5-position, 5-contact block (30°)



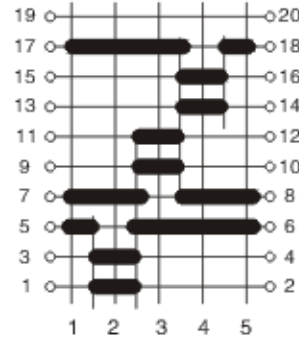


5-position, 4-contact block(30°)

C5509

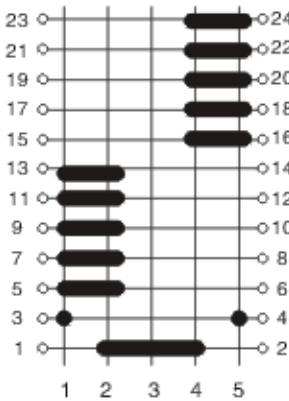


C5510



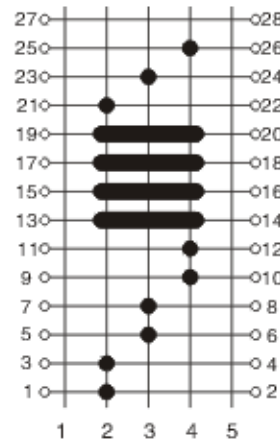
5-position, 6-contact block(30°)

C5601



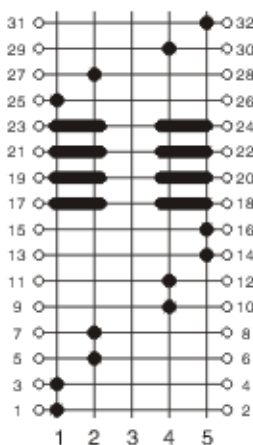
5-position, 7-contact block(30°)

C5701

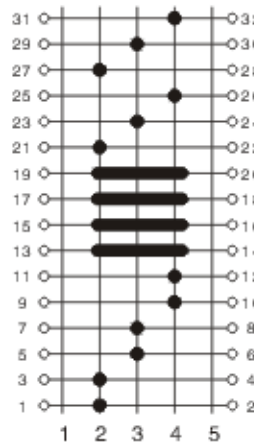


5-position, 8-contact block(30°)

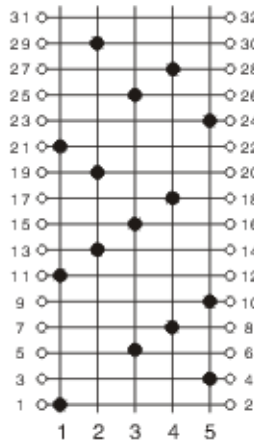
C5801



C5802

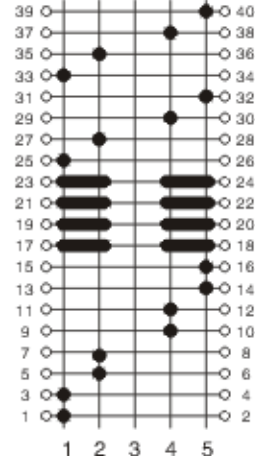


C5803



5-position, 10-contact block(30°)

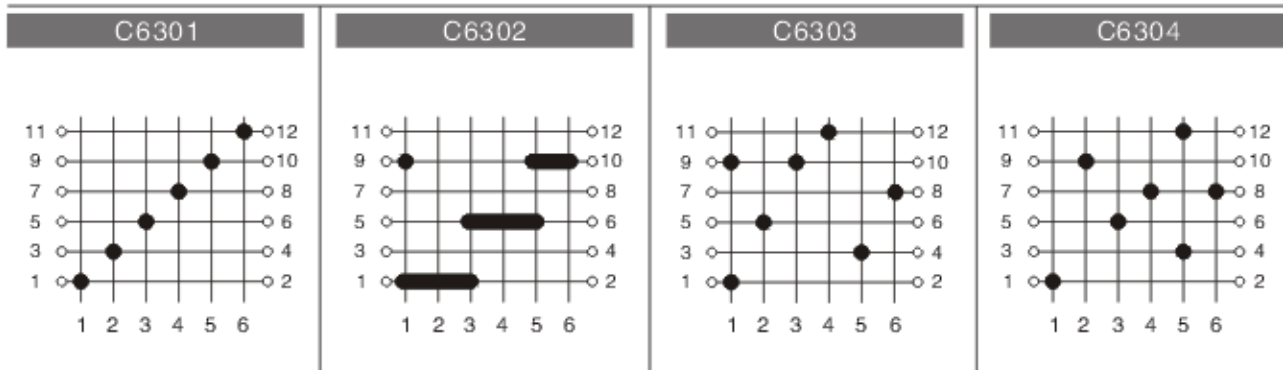
C51001(C5001)



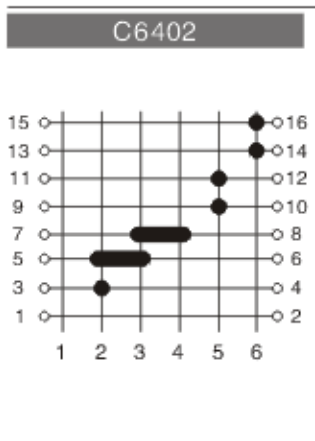
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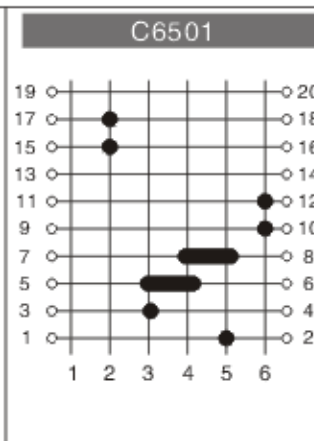
6-position, 3-contact block(30°)



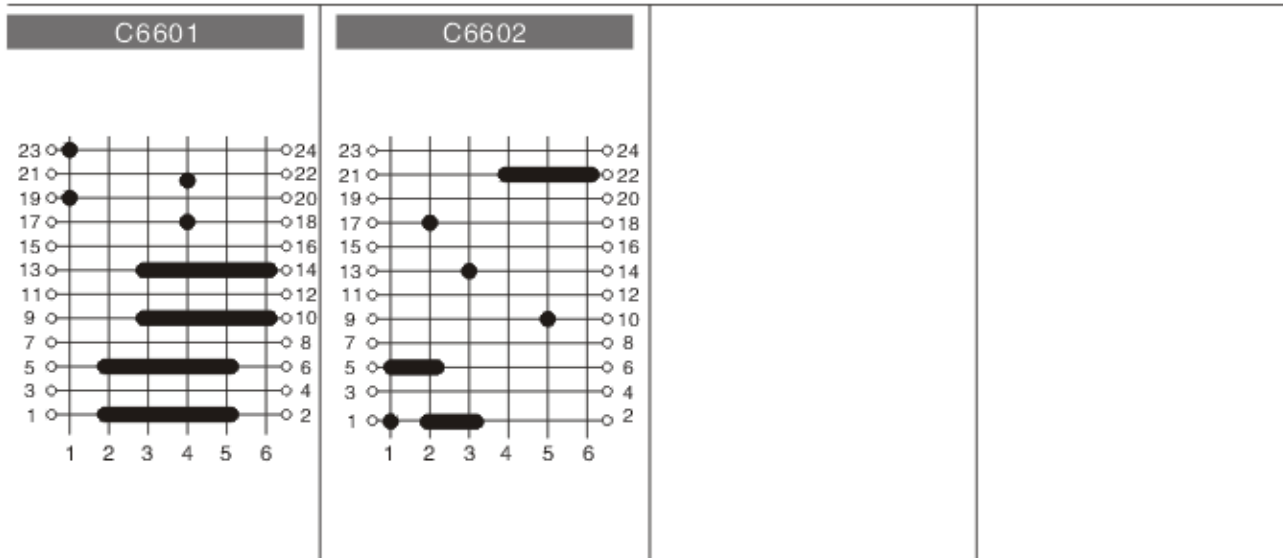
6-position, 4-contact block(30°)



6-position, 5-contact block(30°)



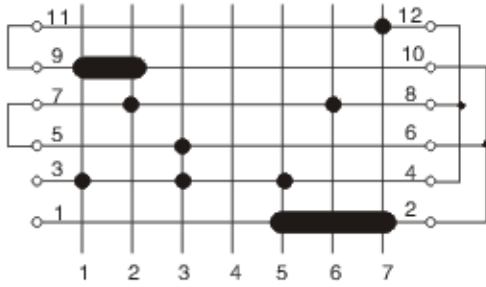
6-position, 6-contact block(30°)



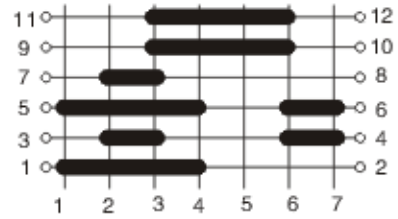


7-position,3-contact block(30°)

C7301

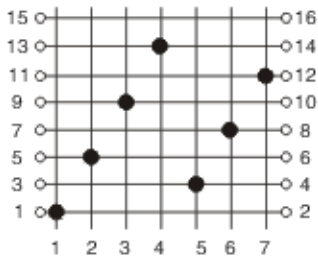


C7302

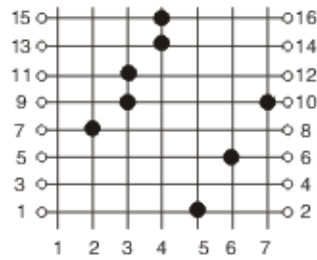


7-position,4-contact block(30°)

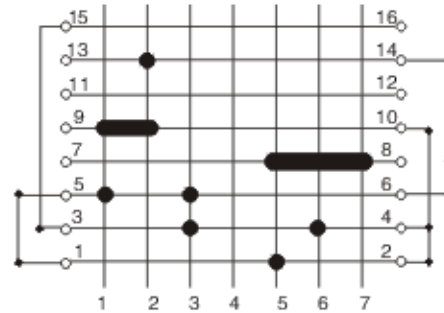
C7401



C7402

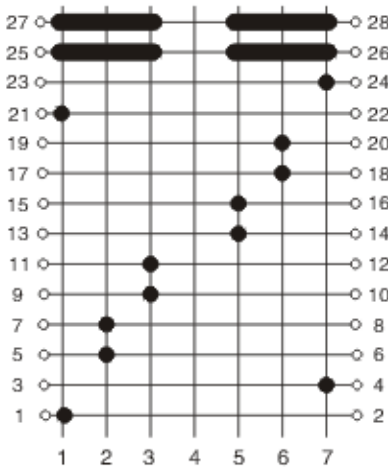


C7403



7-position,7-contact block(30°)

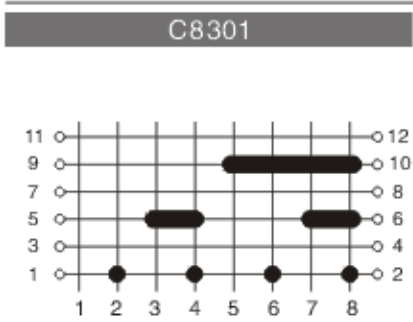
C7701



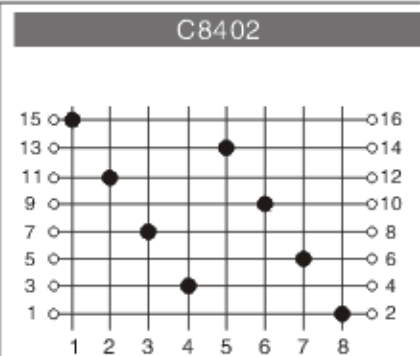
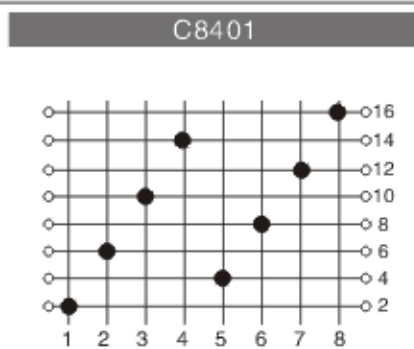
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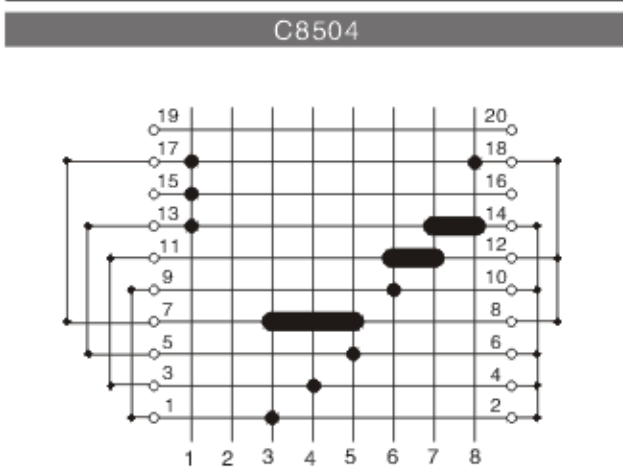
8-position,3-contact block(30°)



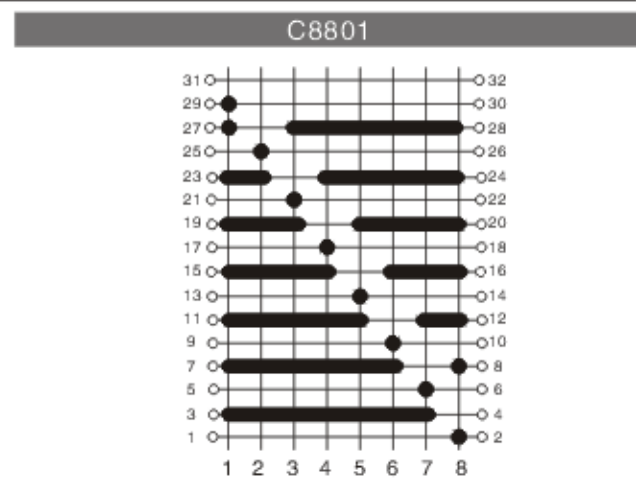
8-position,4-contact block(30°)



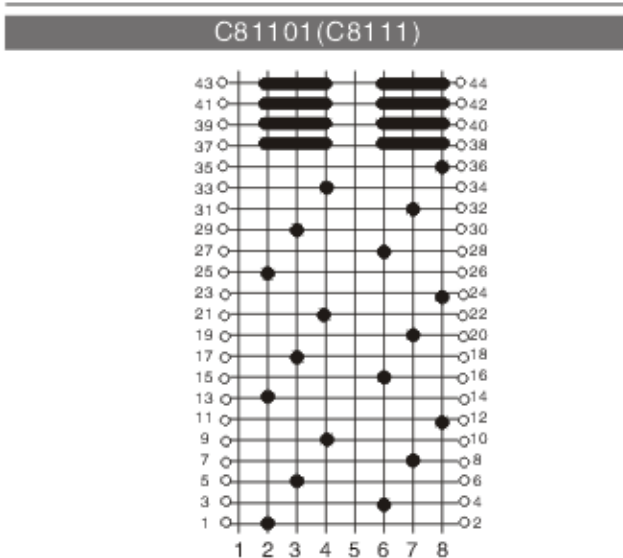
8-position,5-contact block(30°)



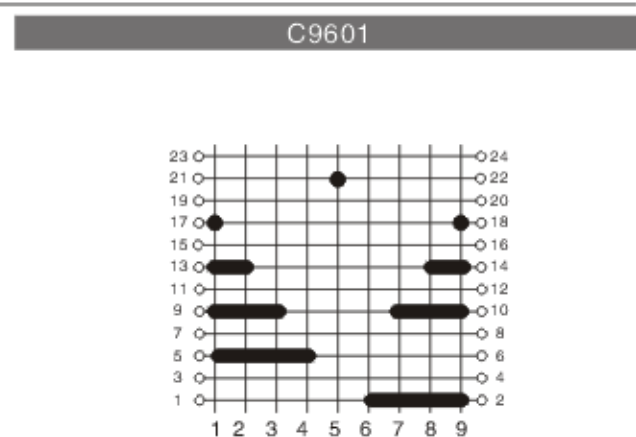
8-position,8-contact block(30°)



8-position,11-contact block(30°)



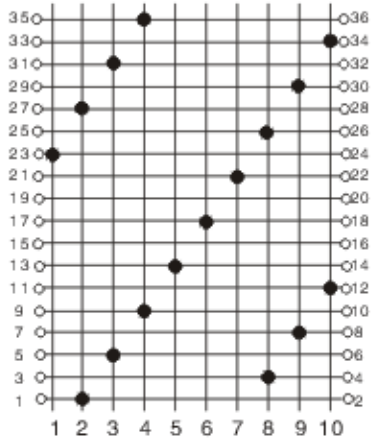
9-position,6-contact block(30°)





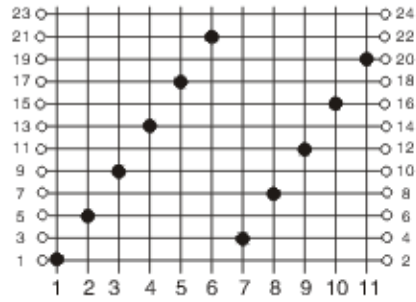
10-position,9-contact block(30°)

C10901(C1091)



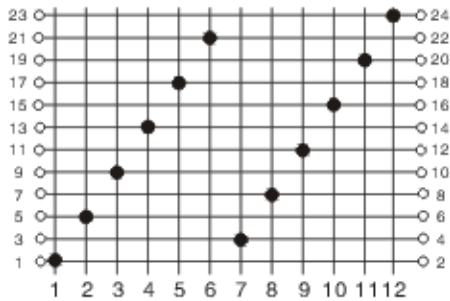
11-position,6-contact block(30°)

C11601(C1161)

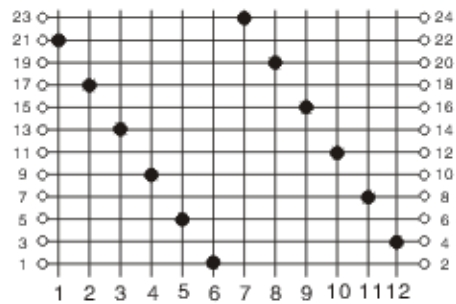


12-position,6-contact block(30°)

C12601(C1261)

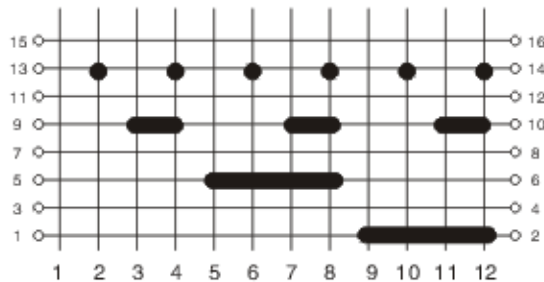


C12602(C1262)



12-position,4-contact block(45°)

C12401(C1241)



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