

B

Power switch

Main switch

Cam switch

Power push button switch (BE series) -----	126
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Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Holst switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

Discontinued
Products

BE Series

Power push button switch

- Directly ON/OFF the power of compact size electric motor
- Exposed type / flush mounted type, plastic / cold rolled steel case
- 3 buttons electric motor switch (Forward, reverse and stop buttons)
- Waterproof type and frame retardancy ABS plastic case



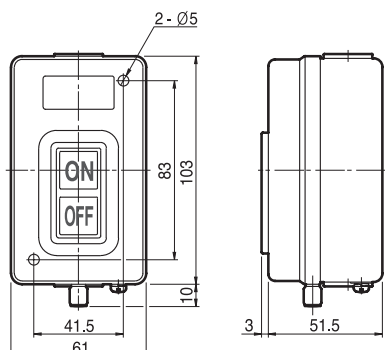
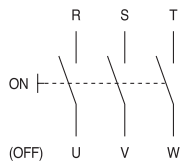
Specification

Type		Number of polarities	Rated capacity	Connecting terminal	Indicating alphabet (button color)	Case material
Standard type	BE 230	3P	440 V a.c 30 A	M5	ON (Black) OFF (Red)	Cold rolled steel
Water proof type	BEW 215	3P	440 V a.c 15 A	M4	ON (Black)	Frame retardancy ABS
	BEW 230	3P	440 V a.c 30 A	M5	OFF (Red)	
	BEWT 215	3P	440 V a.c 15 A	M4	ON (Black) OFF (Red)	
	BEWT 315	3P	440 V a.c 15 A	M4	FOR (Black) STOP (Red) REV (Black)	

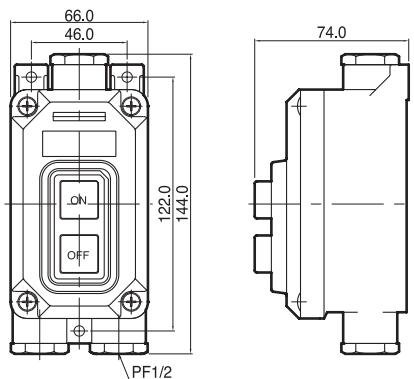
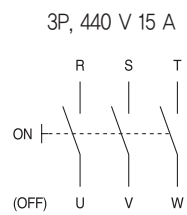
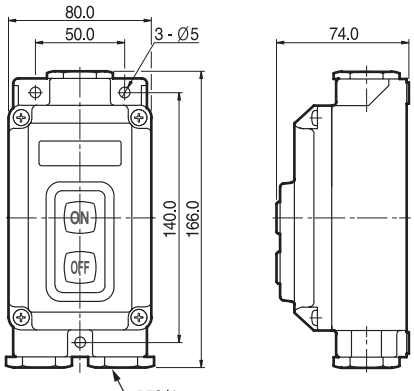
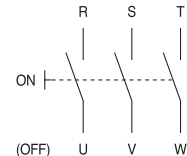
※ When using as the waterproof type, please use a proper cable bushing

Dimension (unit : mm)

■ Push button switch

Appearance	Dimension	Rating and contact composition
 BE 230		3P, 440 V 30 A 

Waterproof type push button switch

Appearance	Dimension	Rating and contact composition
 BEW 215		3P, 440 V 15 A 
 BEW 230		3P, 440 V 30 A 

Control switch
Combination
display light

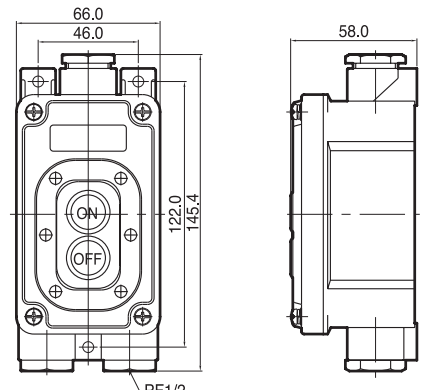
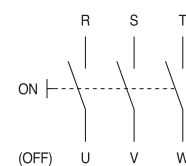
Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Waterproof type push button switch

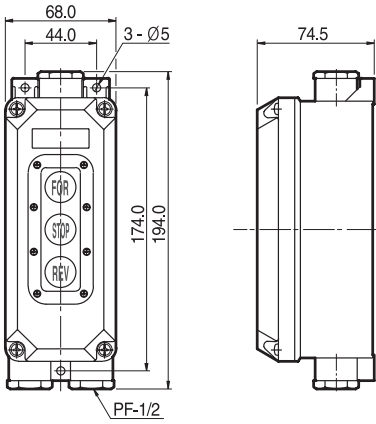
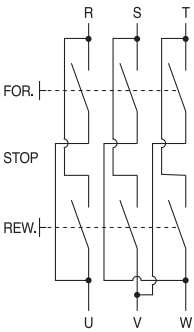
Appearance	Dimension	Rating and contact composition
 BEWT 215		3P, 440 V 15 A 

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

Discontinued
Products

■ Waterproof type forward / reverse switch

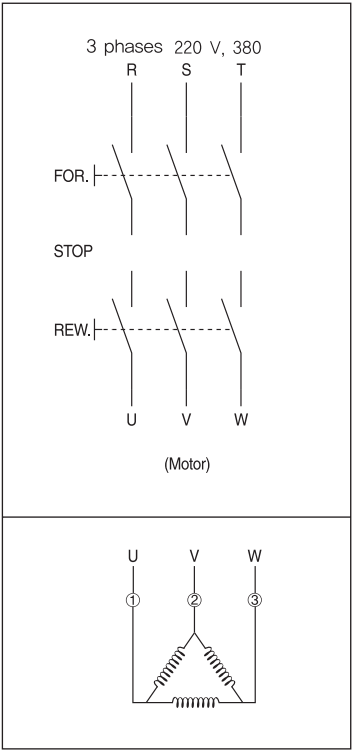
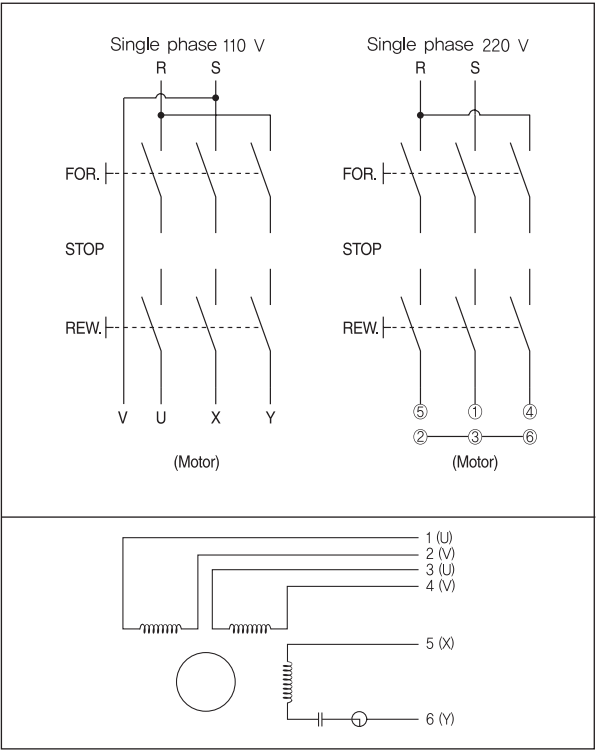
Appearance	Dimension	Rating and contact composition
 BEWT 315		3P, 440 V 15 A 

● Example of connection

■ Forward / reverse switch (model: BEWT-315) connection example

• Single phase condenser running type motor

• Three phases single voltage (3 wires) motor



HY-500 Series

Power push button switch

- Directly ON / OFF the power of compact size electric motor
- Exposed type / flush mounted type, plastic / cold rolled steel case
- Push button for ON / OFF the electric motor (forward, reverse operation)
- Lamp power ON / OFF type switch mounting type
- Electrical appliances Safety Certification



Specification

Type		Number of polarities	Rated capacity	Connecting terminal	Indicating character (button color)	Case material
Exposed type	HY-510	3P	250 V a.c 15 A	M4	ON (Black) OFF (Red)	Cold rolled steel (ON/OFF)
Flush mounted type	HY-513		250 V a.c 15 A	M4	ON (Black) OFF (Red)	
	HY-513S (Lamp switch part)					
Flush mounted type	HY-512	2P	250 V a.c 15 A	M4	ON (Black) OFF (Red)	Cold rolled steel (ON/OFF)
	HY-512S (Lamp switch part)					
Flush mounted type	HY-514	3P	250 V a.c 15 A	M4	ON (Black) OFF (Red)	Cold rolled steel (ON/OFF)
	HY-514S (Lamp switch part)					
Exposed type	HY-516	3P	250 V a.c 15 A	M4	FOR (Black) STOP (Red) REV (Black)	Cold drawn steel (Forward, reverse and stop button)
Exposed type	HY-517	3P	250 V a.c 15 A	M4	ON (Black) OFF (Red)	Plastic (ON/OFF)

※ Switch capacity for Lamp : 6(2) A 250 V a.c

※ When button is ON, case will not be dismounted so it is safe (HY-517)

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

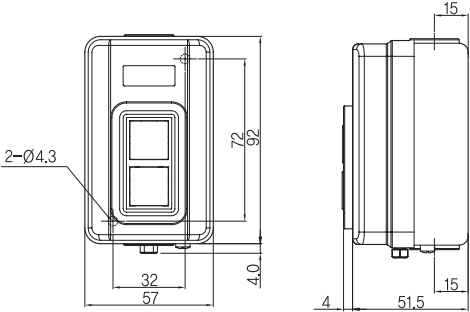
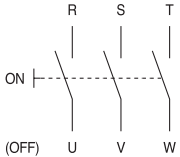
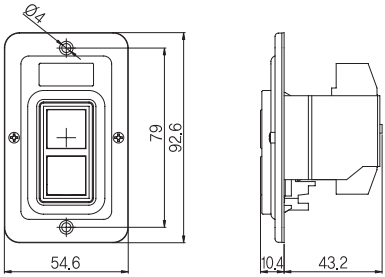
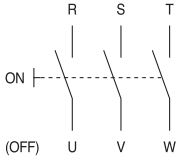
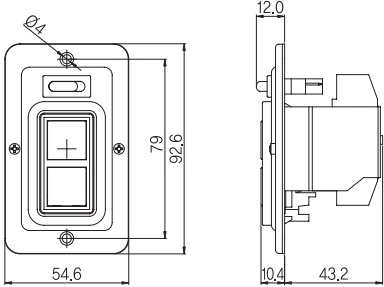
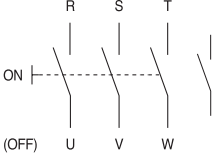
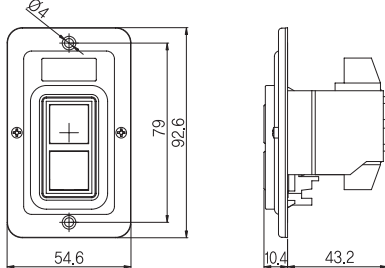
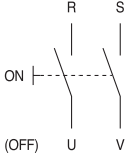
Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

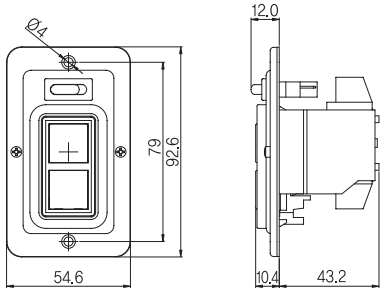
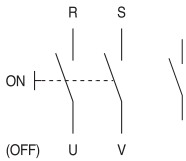
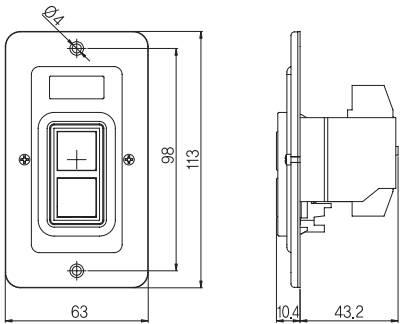
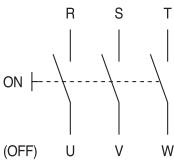
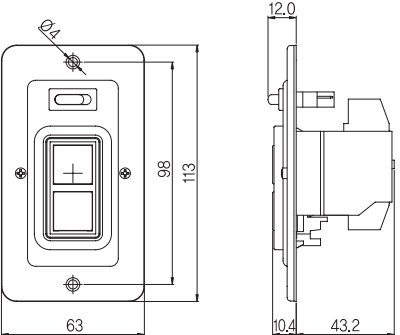
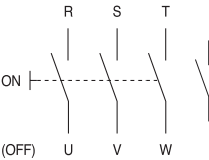
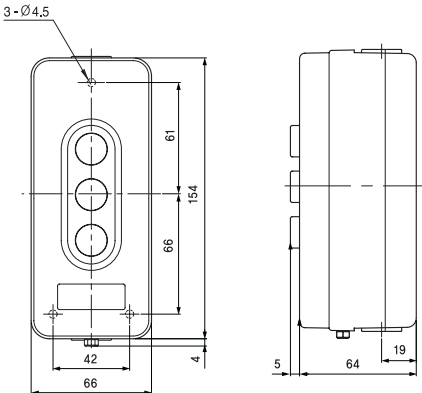
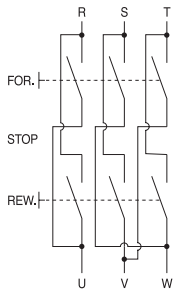
Control box
Cable connector

Discontinued
Products

●● Dimension (unit : mm)

Appearance	Dimension	Rating and contact composition
 HY-510		3P, 250 V a.c 15 A 
 HY-513		3P, 250 V a.c 15 A 
 HY-513S		3P, 250 V a.c 15 A 
 HY-512		2P, 250 V a.c 15 A 

HY-500 series

Appearance	Dimension	Rating and contact composition
 HY-512S		2P, 250 V a.c 15 A 
 HY-514		3P, 250 V a.c 15 A 
 HY-514S		3P, 250 V a.c 15 A 
 HY-516		3P, 250 V a.c 15 A 

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

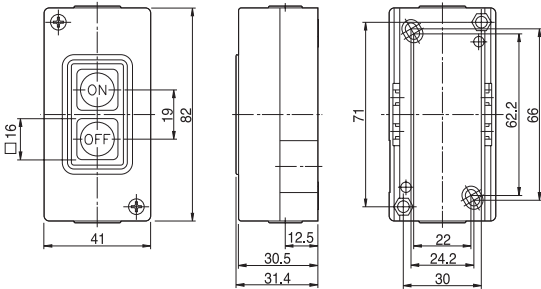
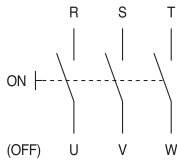
Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

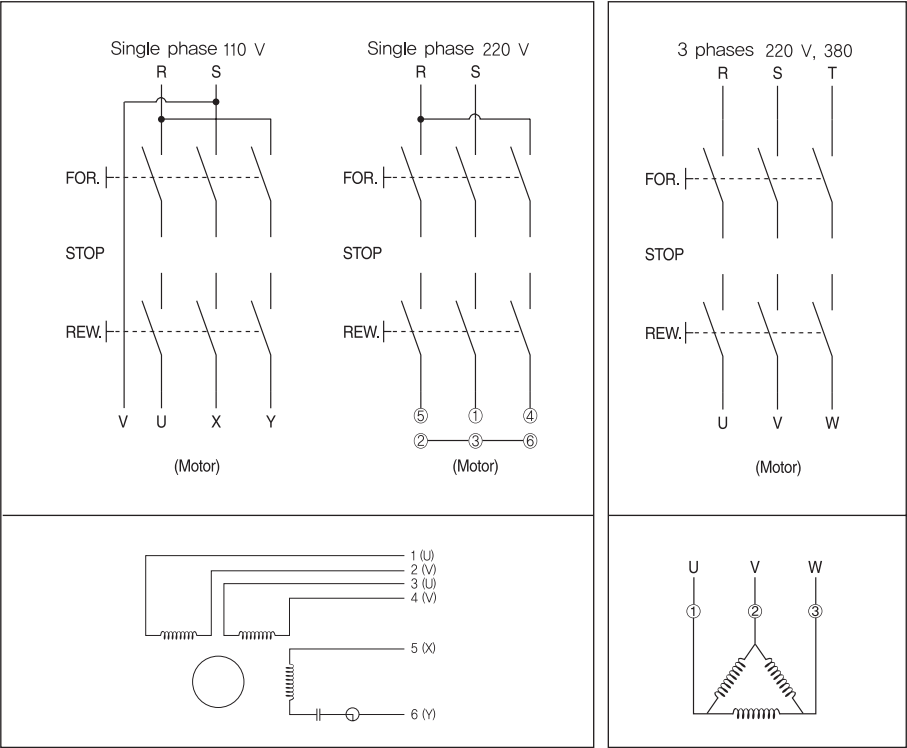
Control box
Cable connector

Discontinued
Products

Appearance	Dimension	Rating and contact composition
 HY-517		3P, 250 V a.c 15 A 
	※ When using it as a horizontal type, pull the button and rotate it.	

■ Example of Model HY-516 forward and reverse switch connection (wired internally)

- Single phase condenser running motor
- 3-phases single voltage (3 wires) motor



MAS series

Main switch

- Designed as rapid switching structure so excellent contact reliability.
- Apply the lock ring within the OFF state
- Handle and contact parts are designed as detachable structure (MAS-025)
- 2 color types of handle and handle guard (red, yellow and black, white)
- $\varnothing 22$, $\varnothing 30$ (MAS-025) 4 holes fixed panel mounting
- Clear indication of ON/OFF contact state (turning OFF the operation handle will block all contacts)

Control
switch
Combination
display lightPower switch
Main switch
Cam switchLimit switch
Micro switchHoist switch
Foot switch
Mono lever switchSign tower
Signal lightBuzzer
Terminal block
Fuse holderControl box
Cable connectorDiscontinued
Products

●● Suffix code

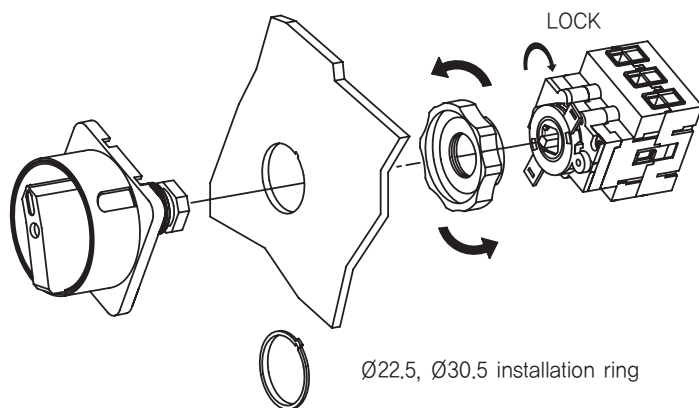
Model	Code	Information
MAS-	☐ ☐	Main Switch
Rated current	025	25 A a.c
	063	63 A a.c
	125	125 A a.c
Color classification	A	Emergency stop type (yellow guard / red handle)
	B	Standard type (white guard / black handle)

●● Specification

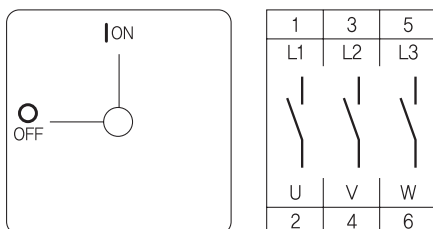
Type	MAS-025	MAS-063	MAS-125
Rated insulation voltage(Ui)	690 V a.c	690 V a.c	690 V a.c
Rated operation voltage(Ue)	600 V a.c	600 V a.c	600 V a.c
Rated electro current(Iu/Ith)	25 A	63 A	125 A
Applying categories	AC-21A		
Number of polarities	3P		
Terminal screw	M4	M5	M6
Number of lock hole/hole diameter(mm)	3/9	3/9	3/9
Tightening torque	2.5 N · m	4 N · m	6 N · m
Protective structure	IP 64	IP 55	IP 65

●● Panel mounting assembly diagram and connection diagram

■ MAS-025 assembly diagram

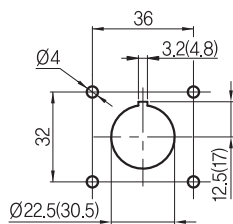


●● Connection diagram

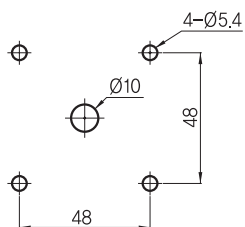


●● Panel cutout dimension

■ MAS-025

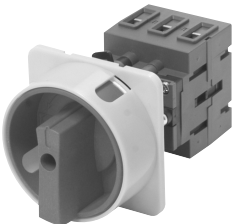
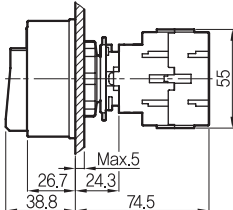
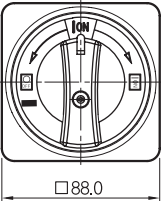
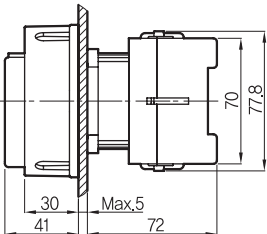
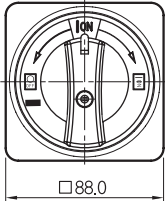
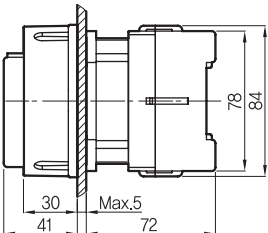


■ MAS-063/MAS-125



※ In case of the model MAS-025, install it by using Ø4 fixing bolts or installation ring

●● Dimension (unit : mm)

Appearance	Dimension	Rating and contact composition
MAS-025		 
MAS-063		 
MAS-125		 

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

Discontinued
Products

HY-SQ5/305/255 series

Cam switch

- Structural design that can check the contact operation state
- Electrical appliances Safety Certification
- Various surface (square, Ø25 round, Ø30 round)
- 3 types of operation handle (H type, R type, P type)
- Switch-board switch A/S, V/S, C/S standard manufacturing product
- Machine tools and various industrial electrical installation circuit formation (order-made)



●● Suffix code

Model		Code					Description
Appearance	☐	☐	☐	☐	☐	☐	Cam switch
	HY-SQ5						Square type cam switch
	HY-255						Ø25 type cam switch
	HY-305						Ø30 type cam switch
Contact type		S					Square type (standard type)
		C					Round type (for HY-SQ5)
Handle type		H					Standard type (standard industrial machine)
		R					Switch-board type (A/S, V/S)
		P					Control switch type (C/S)
Positions selection		2					2 positions selection
		3					3 positions selection
		4					4 positions selection
		5					5 positions selection
		6					6 positions selection
Number of contact unit (number of rows)		1					1 row
		2					2 rows
Serial number (contact formation diagram)		01					Label the serial number of contact formation
		02					diagram in case of order-made product

※ A/S : ammeter converting switch, V/S : voltmeter converting switch

※ Possible to manufacture 20A, 250V product only within the square type contact structure

●● Specification

■ Contact rating

Rated insulation voltage	600 V	
Rated electro current	10 A	
Contact structure	Double block slow-make 1 position 2 contacts, max line forming: 6 rows (auto-return: up to 3 positions)	
Operation type	Each position stopping type	Spring return type
Angle selection	30°, 45°, 60°, 90°	45°
Position selection	2 Positions ~ 12 Positions	2 Positions ~ 4 Positions
Insulation resistance	100 M Ω (500 V d.c)	
Dielectric strength	2500 V a.c, for 1min	
Mechanical life expectancy	500 thousand times	
Electrical life expectancy	100 thousand times	
Ambient temperature	-20 ~ 50 °C	
Ambient humidity	-	
Protective structure	305, 255 (Round type) : IP 65	SQ5 (Square type) : IP 40

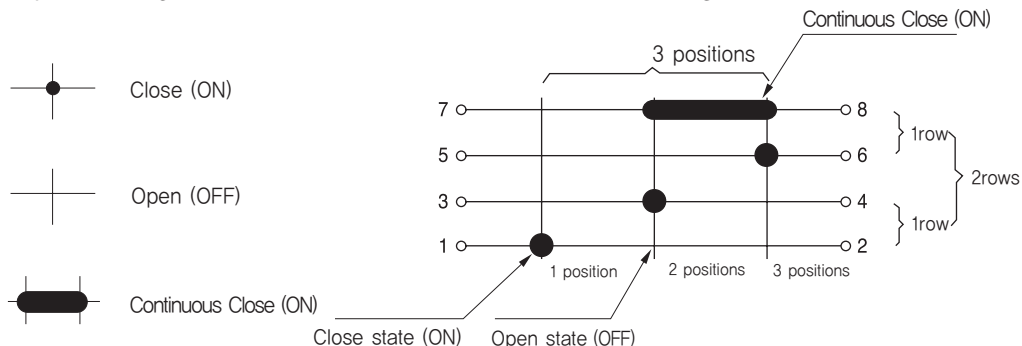
■ Materials of each part

Classification	Materials
Body	Thermal resistance Polycarbonate (PC)
CAM	ACETAL
Contact	Ag + Ni
Terminal	BRASS
Bolt	SWRM
Spring	STAINLESS STEEL
HANDLE	PHENOL RESIN

Control
switch
Combination
display lightPower switch
Main switch
Cam switchLimit switch
Micro switchHoist switch
Foot switch
Mono lever switchSign tower
Signal lightBuzzer
Terminal block
Fuse holderControl box
Cable connectorDiscontinued
Products

●● Operation signal of contact and standard connection diagram

■ Operation signal of contact ■ Standard connection diagram

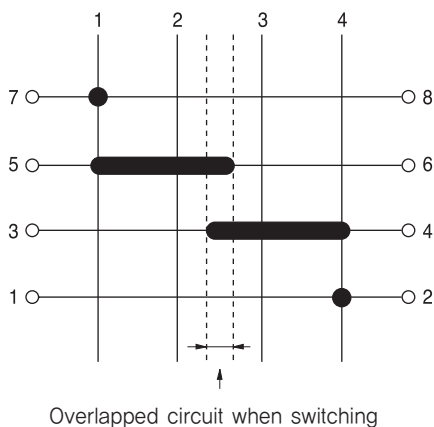


●● Terminology and circuit explanation

• Overlapping circuit when switching

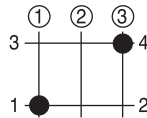
When ON/OFF the switch, it refers to the contact circuit that has an interval where the contact becomes opened in the closed state within the middle of 2nd stage and 3rd stage and the contact that has become closed in the opened state become closed synchronously.

So this is the circuit that becomes overlapped when switching.

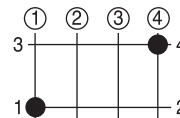


●● Precautions when structuring the contact

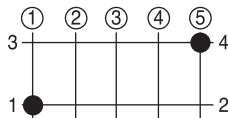
- 2 contacts that are built in the cam switch are arranged contrastably comparing to the cam so when the angle of handle rotates 180 degree then 2 contacts become opened or closed so please be cautious.



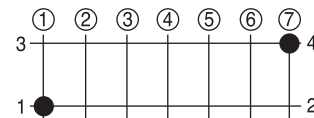
In case of 90° 3 positions switching



In case of 60° 4 positions switching

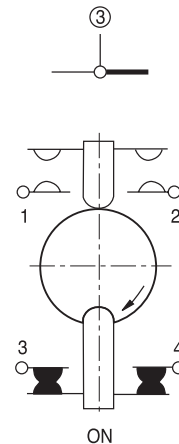
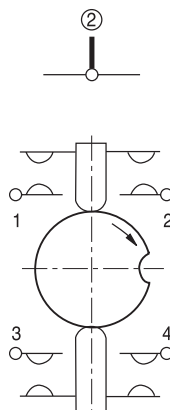
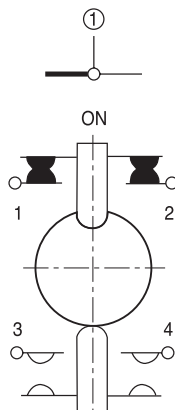


In case of 45° 5 positions switching



In case of 30° 7 positions switching

- Position of the built in cam, contact and handle (90 degree 3 positions)


Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

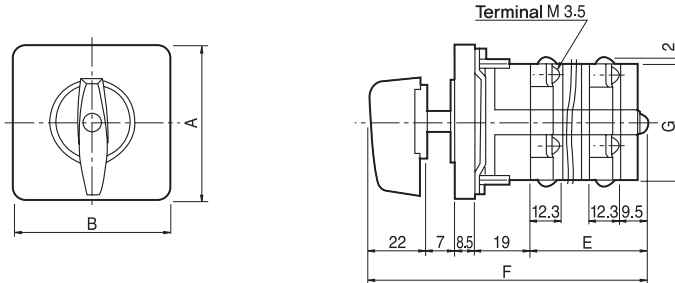
Discontinued
Products

●● Handle operation position

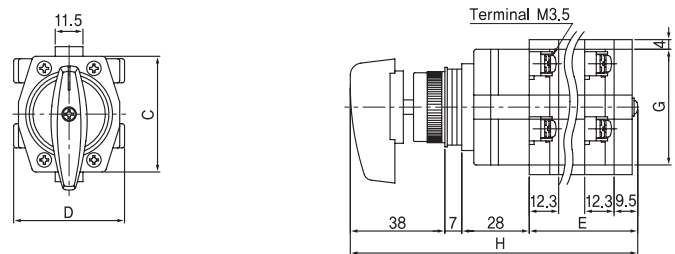
Return method	Switching angle	Handle position				
Manual return type (Symbol : MR)	90°	※P:Positions				
	60°					
	45°					
	30°					
Auto return type (Symbol : AR)	45°	The handle automatically returns to the middle from 1 st and 2 nd position				
Handle suspending type (Symbol : LR)	45°	The handle automatically returns to the middle from 1 st and 2 nd position (but when operating the handle, please pull it and use it)				
Mixed return type (Symbol : C)	45°	Auto-return from 1 st position to the 2 nd position Manual return from 3 rd position to 2 nd position				
		Auto-return from 3 rd position to the 2 nd position Manual return from 1 st position to 2 nd position				
		Auto-return from 1 st position to the 2 nd position Manual return from 2 nd position to 4 th position				
		Auto-return from 4 th position to the 2 nd position Manual return from 1 st position to 3 rd position				

Dimension and panel cutout (unit : mm)

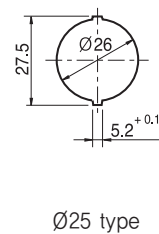
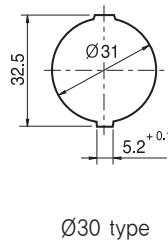
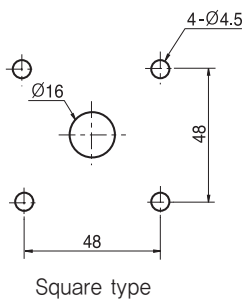
Square type



Round type (waterproof type)



Panel cutout



Number of rows	A	B	C	D	E	F	G	H	rotational angle
1	65	65	48	48	21.8	78.8	48	94.8	30° 45° 60° 90°
2					34.1	91.1		107.1	
3					46.4	103.4		119.4	
4					58.7	115.7		131.7	
5					71	128		144	
6					83.3	140.3		156.3	
7					95.6	152.6		168.6	
8					107.9	164.9		180.9	
9					120.2	177.2		193.2	
10					132.5	189.5		205.5	

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

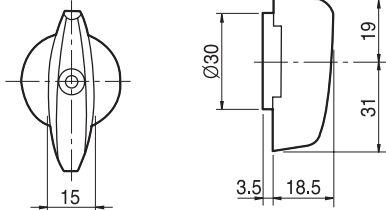
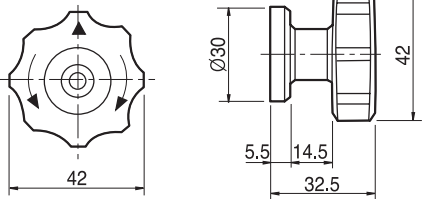
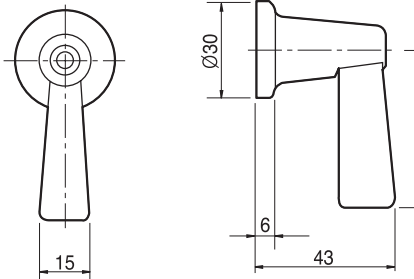
Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

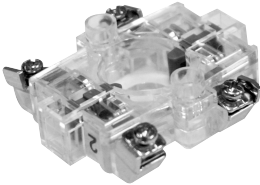
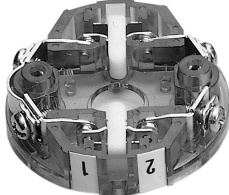
Control box
Cable connector

Discontinued
Products

●● Handle types

Symbol	Appearance	Usage	Materials (colors)	Dimension	
H type		Selector S/W	Phenol Resin (black)		
R type		AS, VS Selector S/W	Phenol Resin (black)		
P type		C.S	Phenol Resin (black)		

Contact and connecting terminal

		Standard type (S type)	Round type (C type)
Contact low part		 S-10	 C-10
Connecting terminal	Horizontal	 S-20	 C-20
	Vertical	 S-30	 C-30

Control switch
Combination
display light

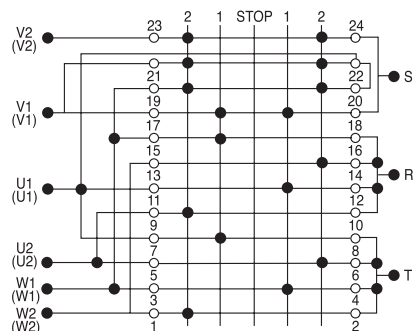
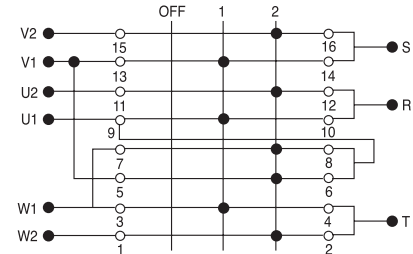
Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Standard types

Industrial switch

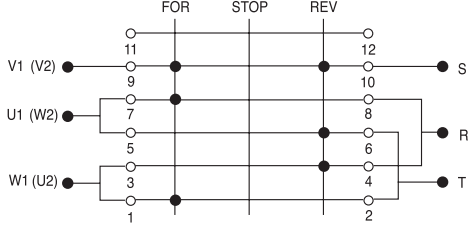
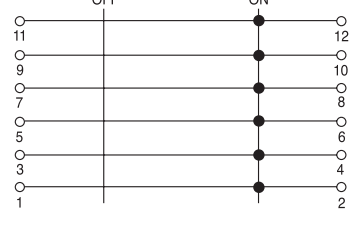
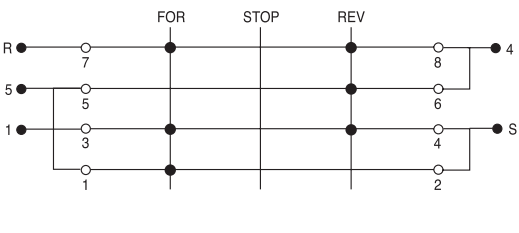
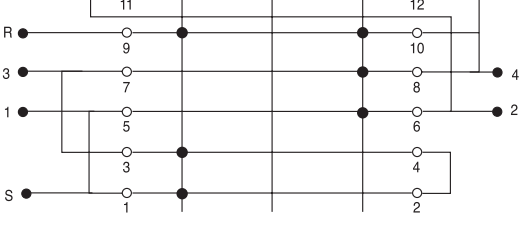
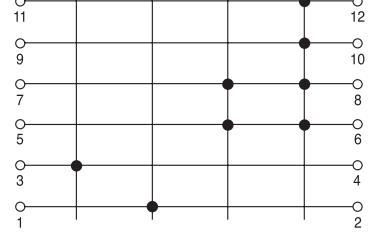
Model and usage	Appearance	Standard circuit diagram
HY-148R (4P, 8P FOR, REV Polarity changing switch)		
HY-148P (4P, 8P Polarity changing switch)		

Sign tower
Signal light

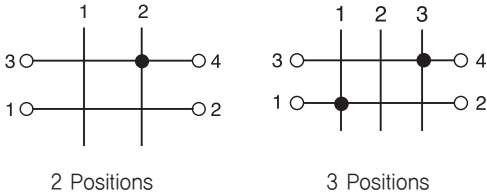
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

Discontinued
Products

Model and usage	Appearance	Standard circuit diagram
HY-140R (4P FOR, REV switch)		
HY-140P (ON/OFF switch)		
HY-124A (Single phase 4P FOR, REV switch)		
HY-124B (Single phase 4P FOR, REV switch)		
HY-430S (Operation selecting switch)		

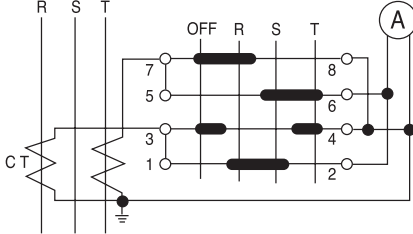
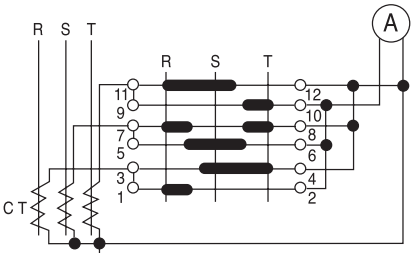
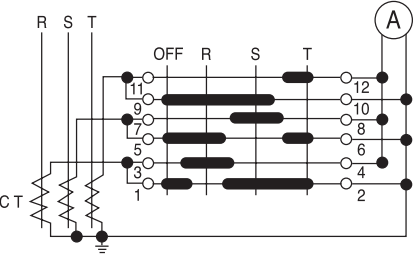
SQ5/305/255 series

Model and usage	Appearance	Standard circuit diagram
HY-255SH2103(Ø25) HY-305SH2103(Ø30) (Selector switch)		 2 Positions 3 Positions

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

■ Ammeter circuit (A.S)

Model and usage	Appearance	Standard circuit diagram
HY-A332 (3P 3W 2 C.T)		
HY-A333 (3P 3W 3 C.T)		
HY-A343 (3P 3W 3 C.T)		

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

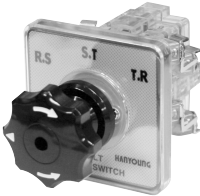
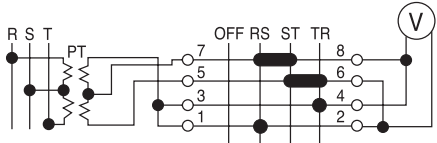
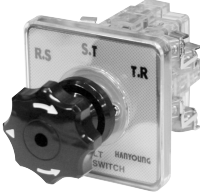
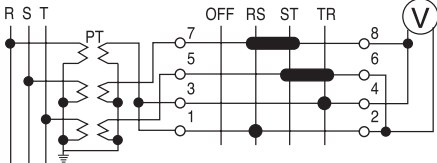
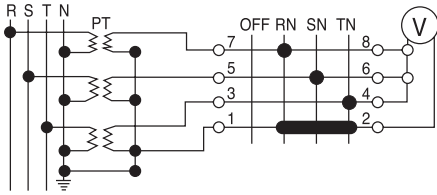
Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

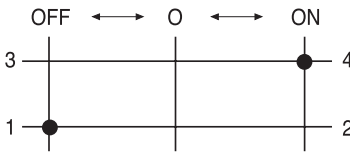
Control box
Cable connector

Discontinued
Products

■ Voltmeter circuit (V.S)

Model and usage	Appearance	Standard circuit diagram
HY-V332 (3P 3W 2 P.T)		
HY-V332B (3P 3W 3 P.T)		
HY-V343 (3P 4W 3 P.T)		

■ Circuit Breaker Control

Model and usage	Appearance	Standard circuit diagram
HY-CS1 (Auto-return type)		
HY-CSL (Handle suspending type)		

HY-MRK

Key cam switch

- Structure is designed to check the contact operation state
- Handle lock function by the key lock device
- Rated electro current 20A, high capacity cap switch
- Switching angle 45°, 3 positions ~ 8 positions
- Machine tools and various industrial electric installing circuit formation (order made)



●● Suffix code

Model	Code				Description
HY-MRK	4	2	0	2	KEY-CAM SWITCH
Contact formation					Labeled the serial number (Refer to the standard circuit diagram)

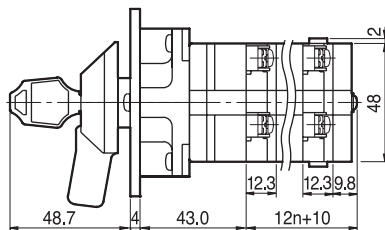
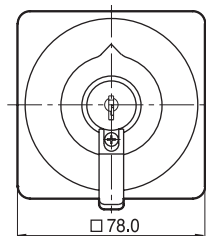
●● Specification

Rated electro current	20 A 250 V
Insulation resistance	100 M Ω (500 V d.c)
Dielectric strength	2500 V a.c, For 1min
Vibration resistance	Oscillation frequency 16.7 Hz (double amplitude 3 mm)
Shock resistance	500 % (approx. 50 g)
Opening/closing frequency	600 times / hour (temporal use)
Mechanical life expectancy	Above 500 thousand times
Electrical life expectancy	Above 200 thousand times
Ambient temperature	-20 ~ 50 °C
Ambient humidity	45 ~ 85 % R.H.
Material	Front side : AL Die casting, contact part : RESIN

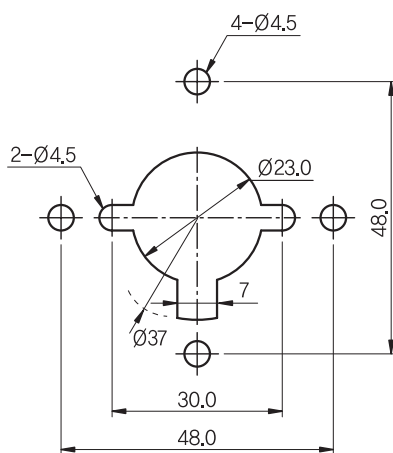
Control
switch
Combination
display lightPower switch
Main switch
Cam switchLimit switch
Micro switchHoist switch
Foot switch
Mono lever switchSign tower
Signal lightBuzzer
Terminal block
Fuse holderControl box
Cable connectorDiscontinued
Products

●● Dimension and panel cutout (unit : mm)

■ Dimension



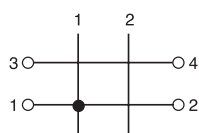
■ Panel cutout



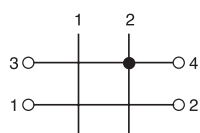
Cam switch standard circuit diagram

■ Example of standard circuit diagram) HY- 2 1 0 1

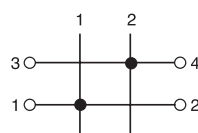
Position Row Serial number



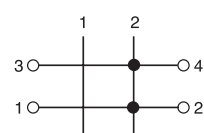
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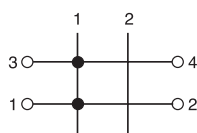
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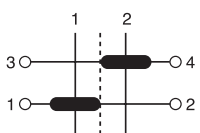
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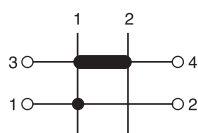
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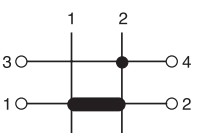
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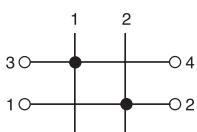
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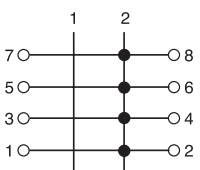
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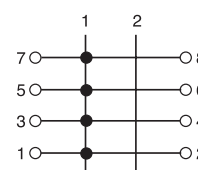
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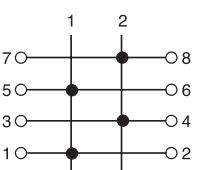
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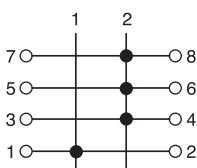
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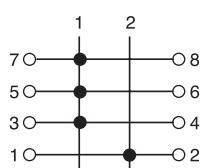
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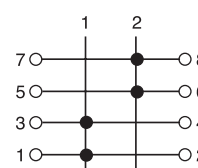
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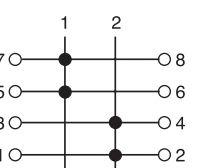
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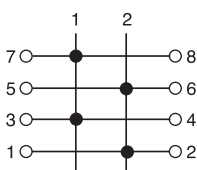
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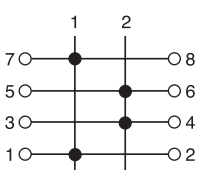
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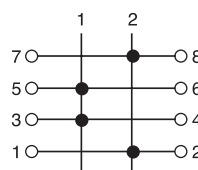
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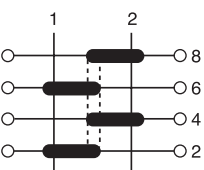
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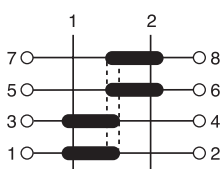
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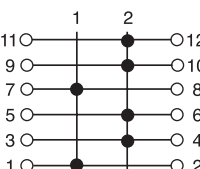
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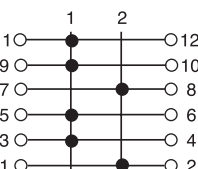
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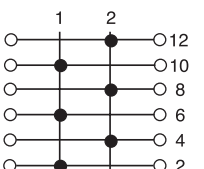
HY-2212



HY-2301



HY-2302



HY-2303

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

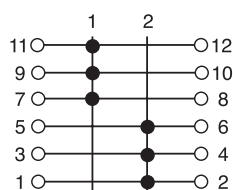
Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

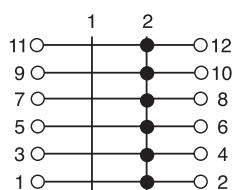
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

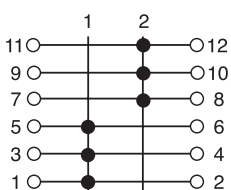
Discontinued
Products



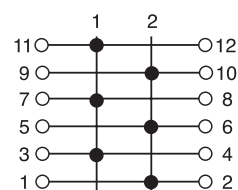
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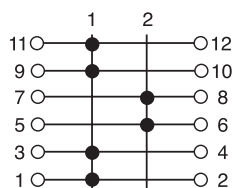
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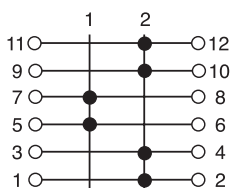
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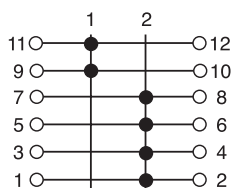
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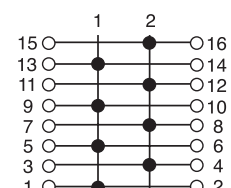
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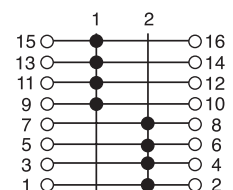
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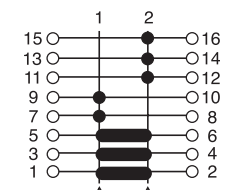
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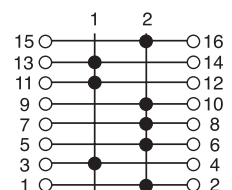
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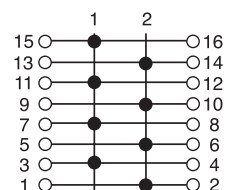
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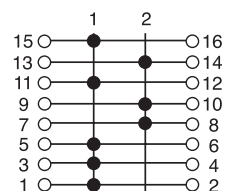
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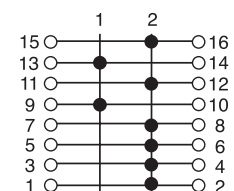
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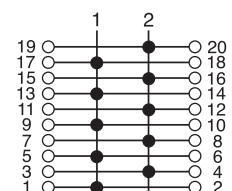
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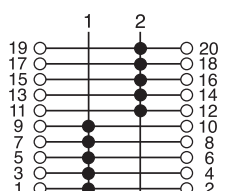
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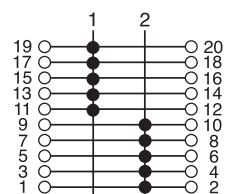
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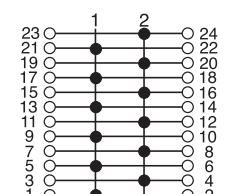
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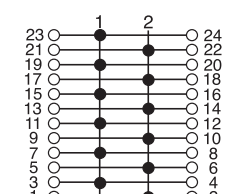
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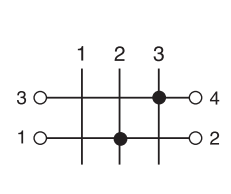
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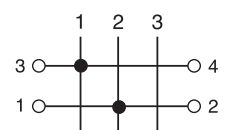
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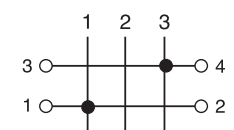
HY-2602



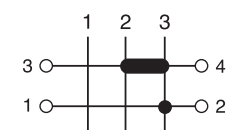
HY-3101



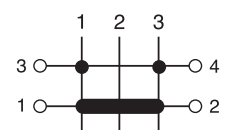
HY-3102



HY-3103

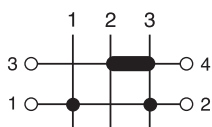


HY-3104

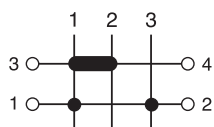


HY-3105

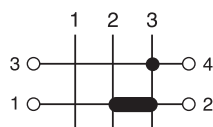
Cam switch standard circuit diagram



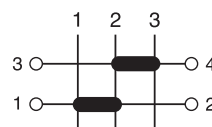
HY-3106



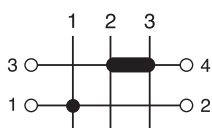
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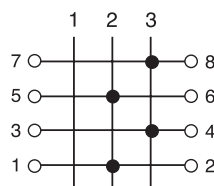
HY-3108



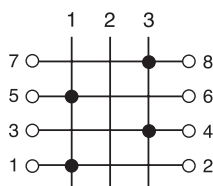
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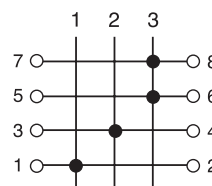
HY-3110



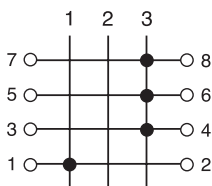
HY-3201



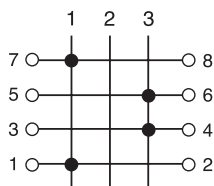
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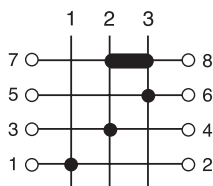
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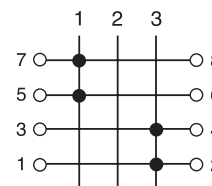
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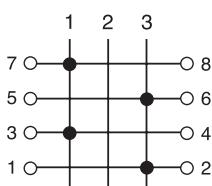
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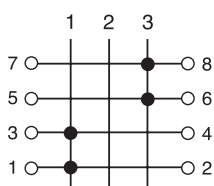
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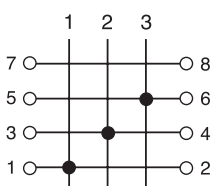
HY-3207



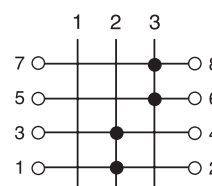
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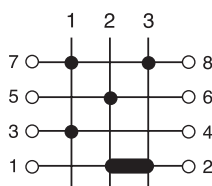
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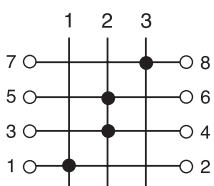
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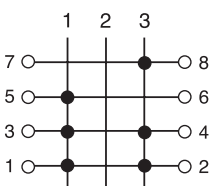
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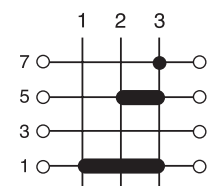
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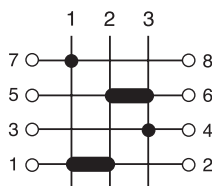
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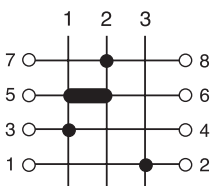
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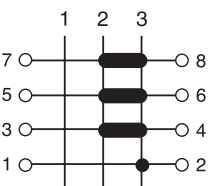
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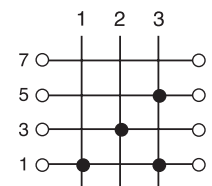
HY-3216



HY-3217



HY-3218



HY-3219

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

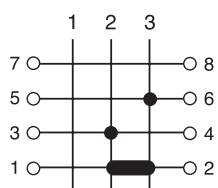
Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

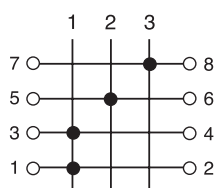
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

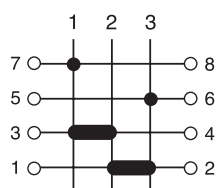
Discontinued
Products



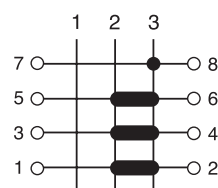
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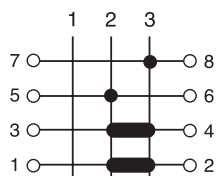
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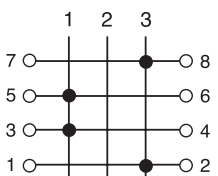
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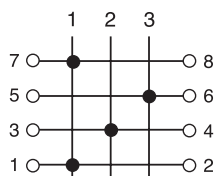
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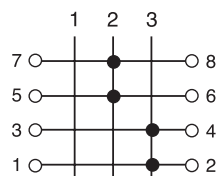
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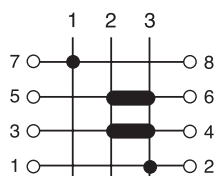
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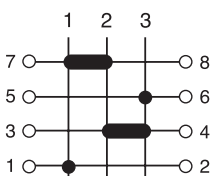
HY-3226



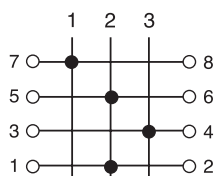
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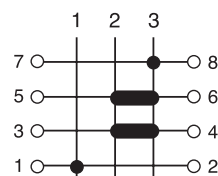
HY-3228



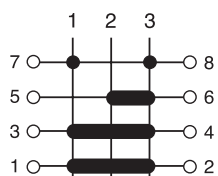
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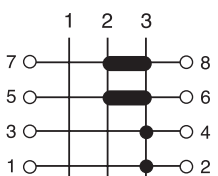
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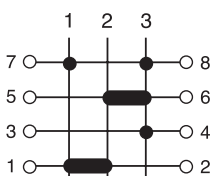
HY-3231



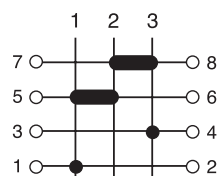
HY-3232



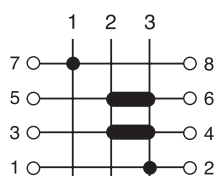
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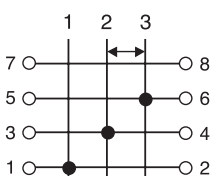
HY-3234



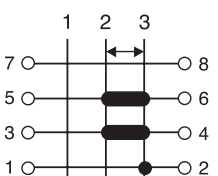
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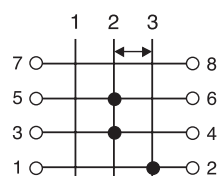
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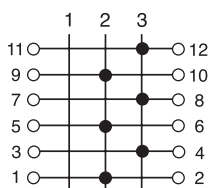
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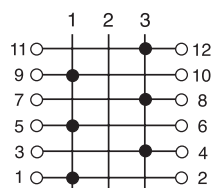
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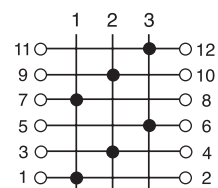
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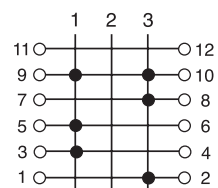
HY-3301



HY-3302

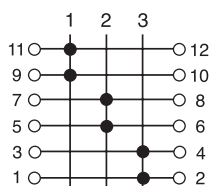


HY-3303

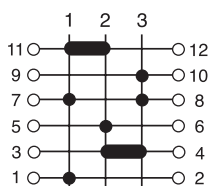


HY-3304

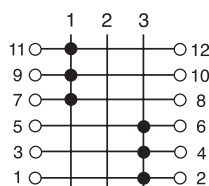
Cam switch standard circuit diagram



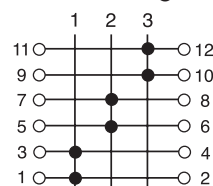
HY-3305



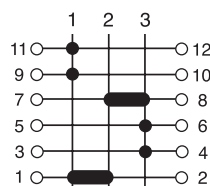
HY-3306



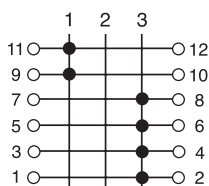
HY-3307



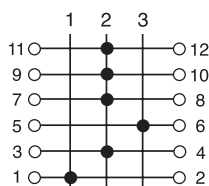
HY-3308



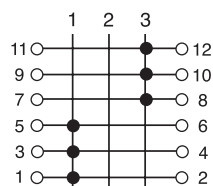
HY-3309



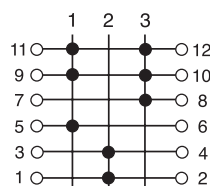
HY-3310



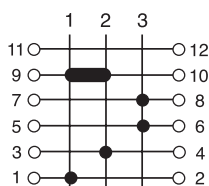
HY-3311



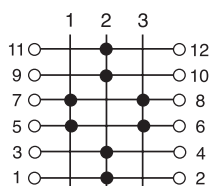
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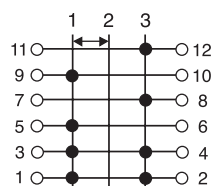
HY-3313



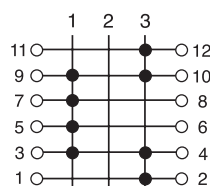
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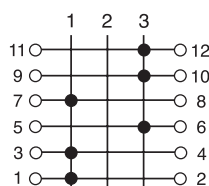
HY-3315



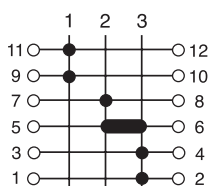
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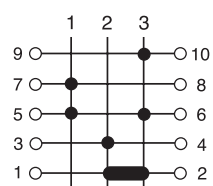
HY-3317



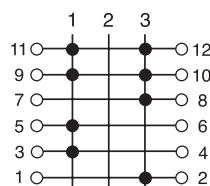
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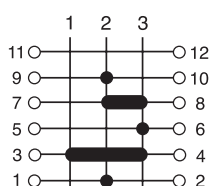
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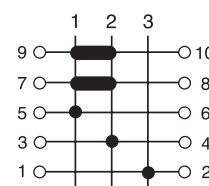
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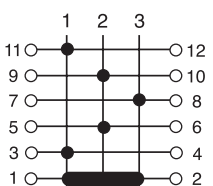
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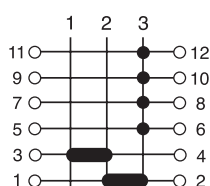
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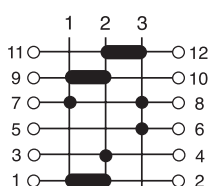
HY-3323



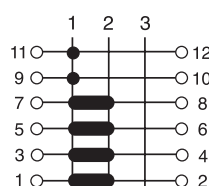
HY-3324



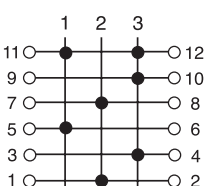
HY-3325



HY-3326



HY-3327



HY-3328

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

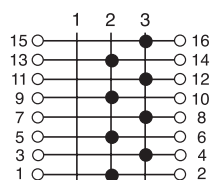
Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

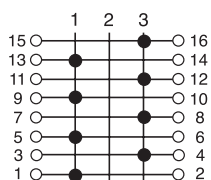
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

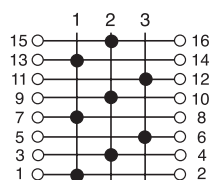
Discontinued
Products



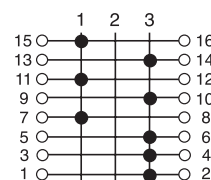
HY-3401



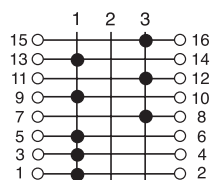
HY-3402



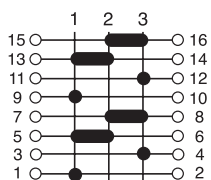
HY-3403



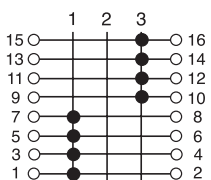
HY-3404



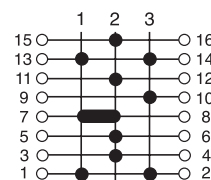
HY-3405



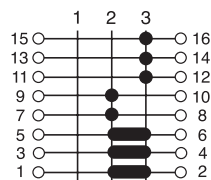
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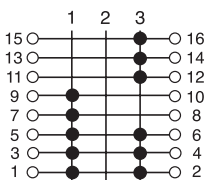
HY-3407



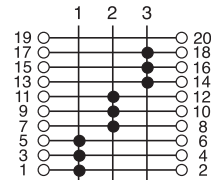
HY-3408



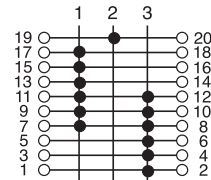
HY-3409



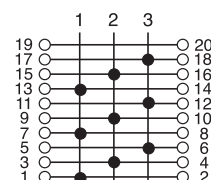
HY-3410



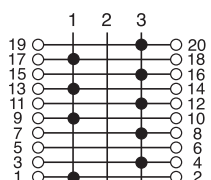
HY-3501



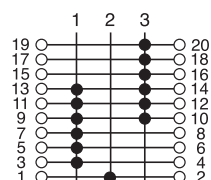
HY-3502



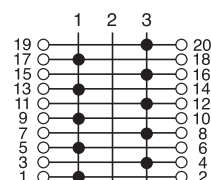
HY-3503



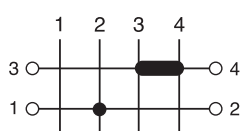
HY-3504



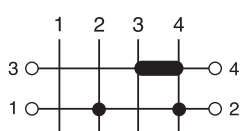
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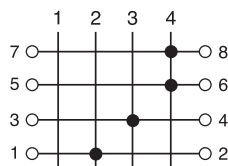
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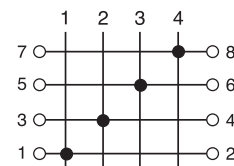
HY-4101



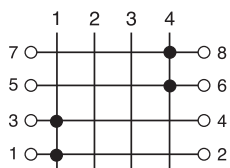
HY-4102



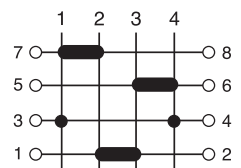
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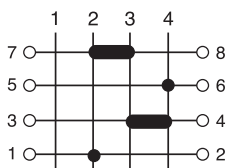
HY-4202



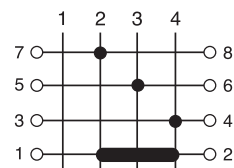
HY-4203



HY-4204

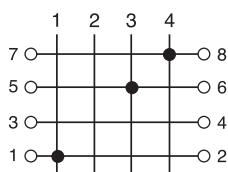


HY-4205

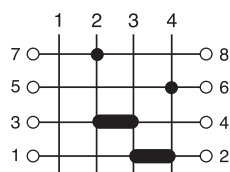


HY-4206

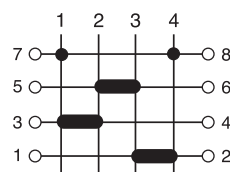
Cam switch standard circuit diagram



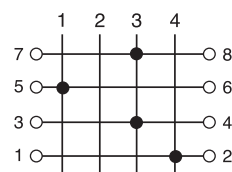
HY-4207



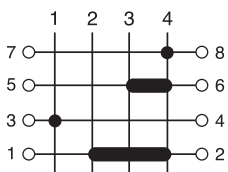
HY-4208



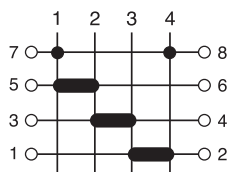
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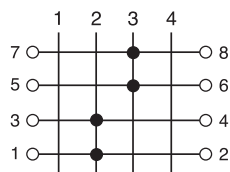
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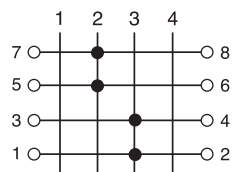
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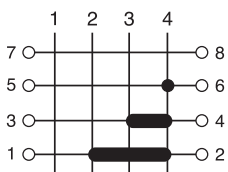
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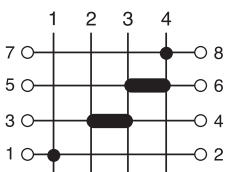
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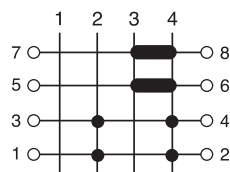
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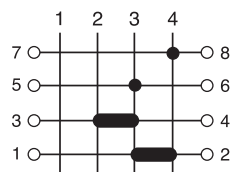
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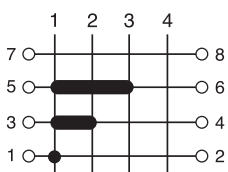
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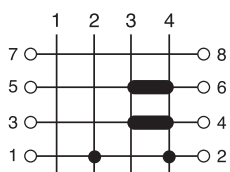
HY-4217



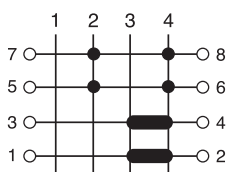
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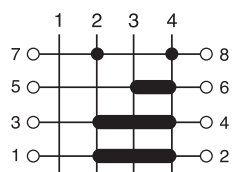
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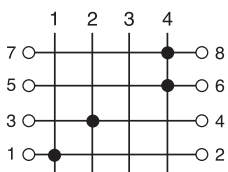
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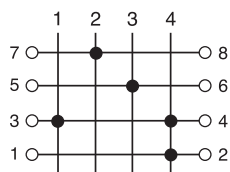
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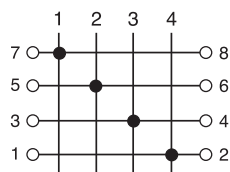
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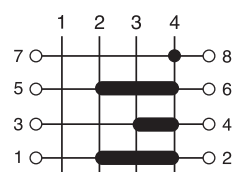
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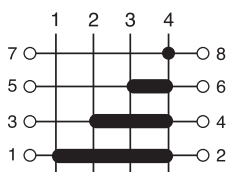
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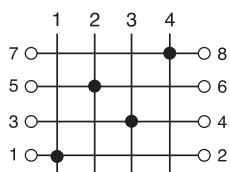
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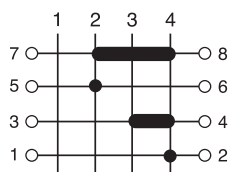
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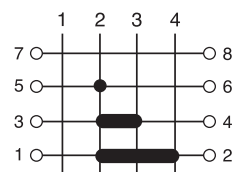
HY-4227



HY-4228



HY-4229



HY-4230

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

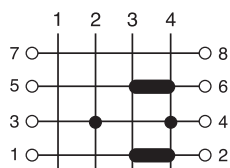
Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

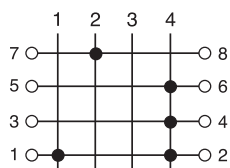
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

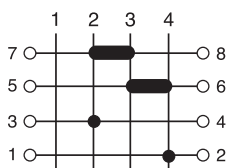
Discontinued
Products



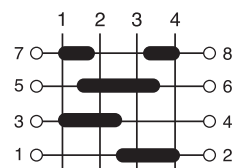
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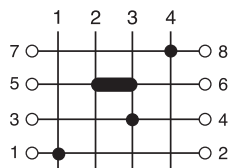
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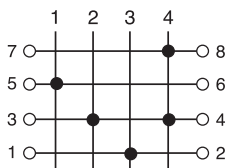
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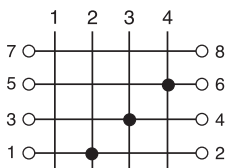
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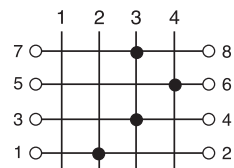
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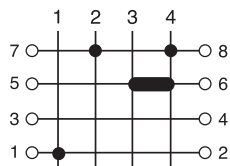
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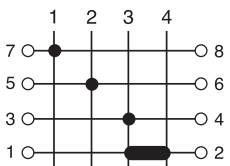
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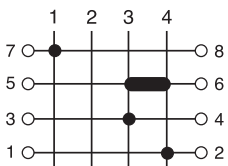
HY-4238



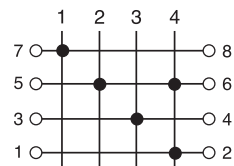
HY-4239



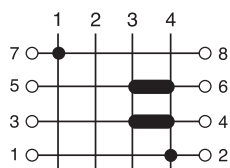
HY-4240



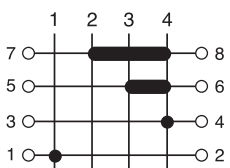
HY-4241



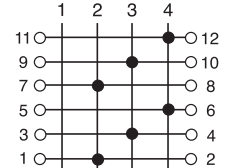
HY-4242



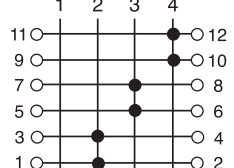
HY-4243



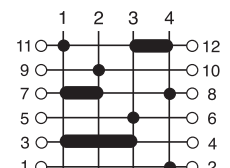
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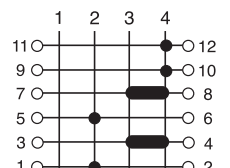
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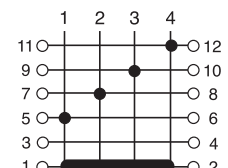
HY-4302



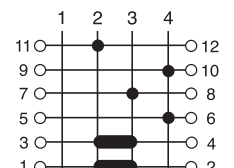
HY-4303



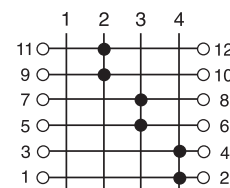
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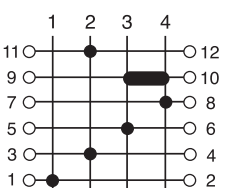
HY-4305



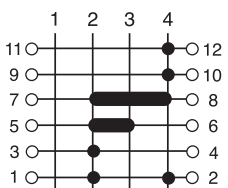
HY-4306



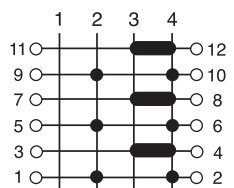
HY-4307



HY-4308

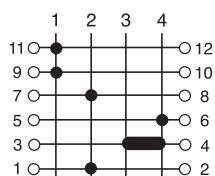


HY-4309

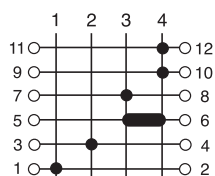


HY-4310

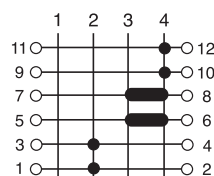
Cam switch standard circuit diagram



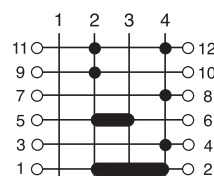
HY-4311



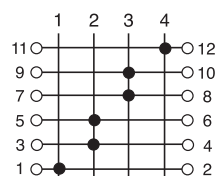
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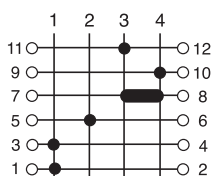
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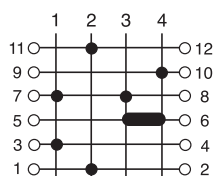
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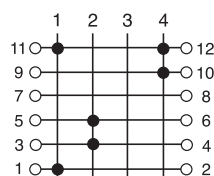
HY-4315



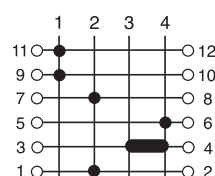
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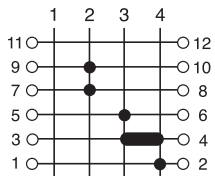
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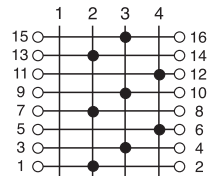
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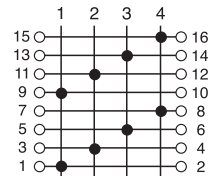
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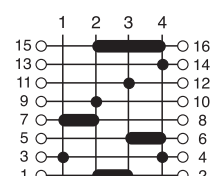
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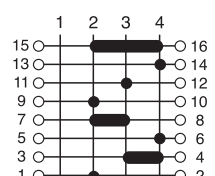
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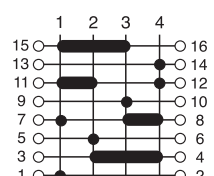
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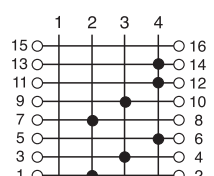
HY-4403



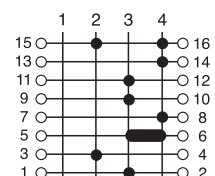
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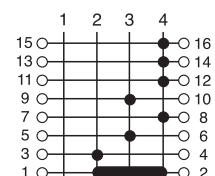
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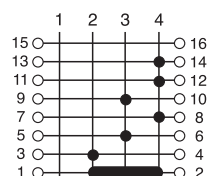
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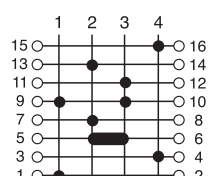
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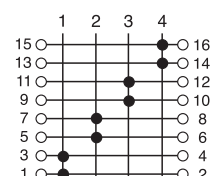
HY-4408



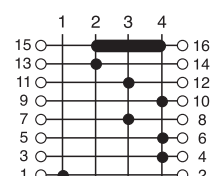
HY-4409



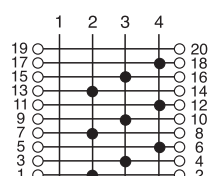
HY-4410



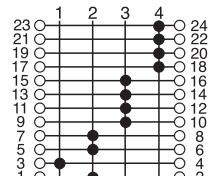
HY-4411



HY-4412



HY-4501



HY-4601

Control switch
Combination display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

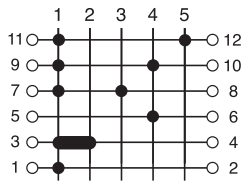
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

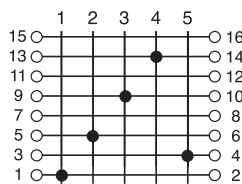
Discontinued Products

HY-5311

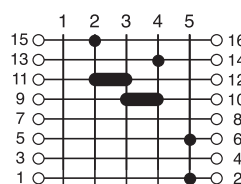
Cam switch standard circuit diagram



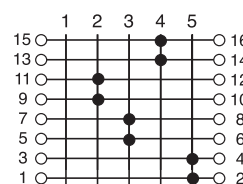
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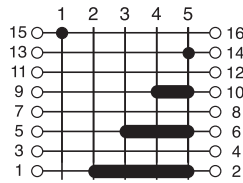
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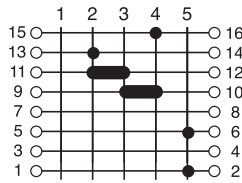
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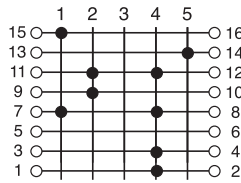
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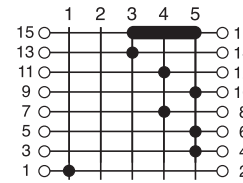
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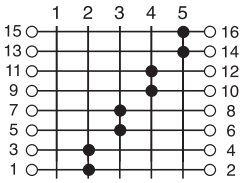
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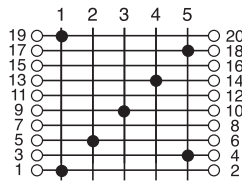
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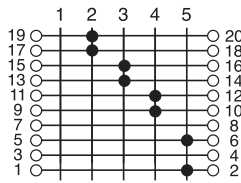
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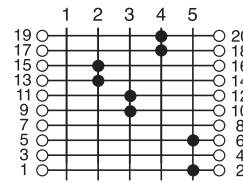
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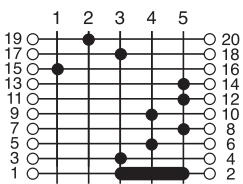
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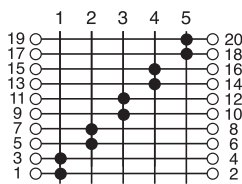
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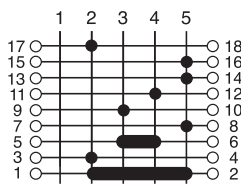
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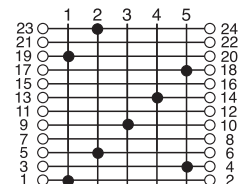
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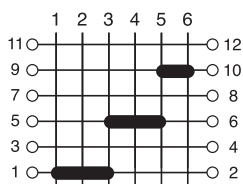
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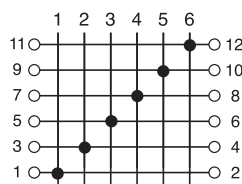
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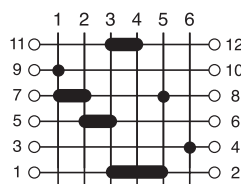
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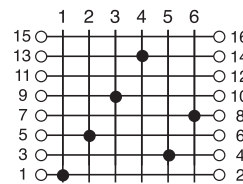
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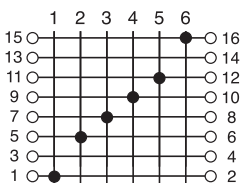
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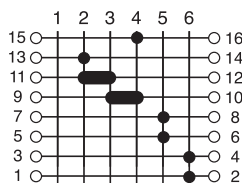
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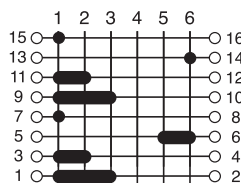
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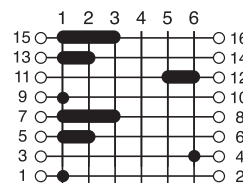
HY-6402



HY-6403



HY-6404



HY-6405

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

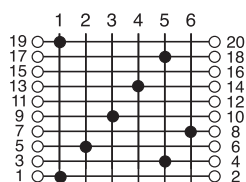
Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

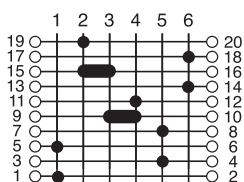
Buzzer
Terminal block
Fuse holder

Control box
Cable connector

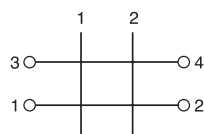
Discontinued
Products



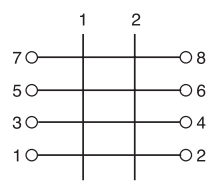
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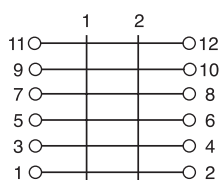
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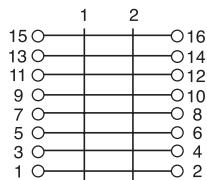
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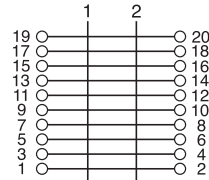
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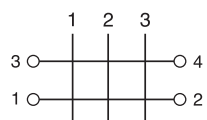
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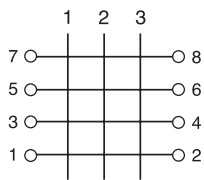
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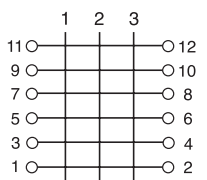
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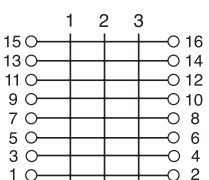
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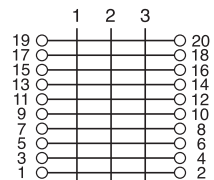
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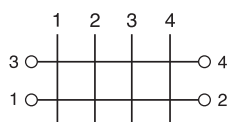
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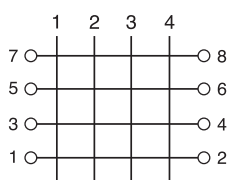
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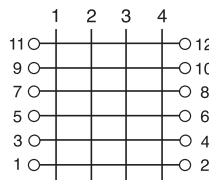
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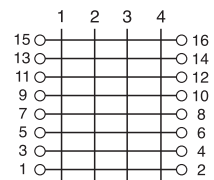
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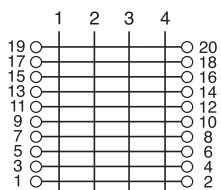
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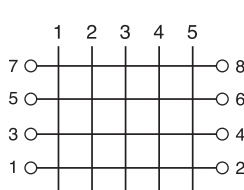
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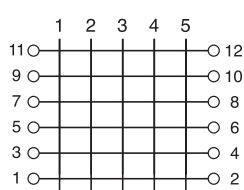
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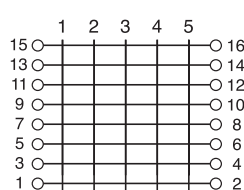
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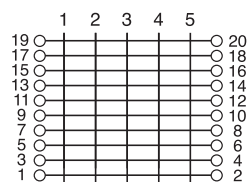
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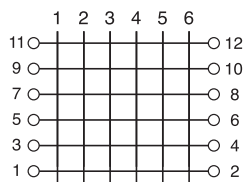
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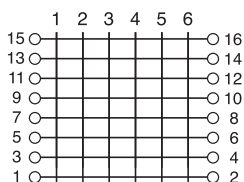
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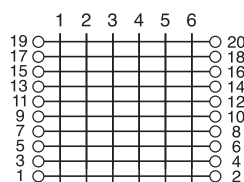
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