





Power Push Button Switch

■ BE series Power button switch

- STEEL CASE BE


Model		RATINGS	ELECTROMOTOR CAPACITY(KW)		CONTACT TERMINAL	LITERAL DISPLAY	MATERIAL OF CASE	
			1Ø100/110V	3Ø200/220V				
	STEEL CASE EXPOSURE	BE 230	3P 30A	–	3.7	M5	ON(black) OFF(red)	cold workable steel plate

- WATER PROOF (BEW, BEWT)

Model		RATINGS	ELECTROMOTOR CAPACITY(KW)		CONTACT TERMINAL	LITERAL DISPLAY	MATERIAL OF CASE
			1Ø100/110V	3Ø200/220V			
	WATER PROOF	BEW 215	3P 15A	0.4	2.2	M4	burning resist ABS
		BEW 230	3P 30A	–	3.7	M5	
	ADVANCED WATER PROOF	BEWT 215	3P 15A	0.4	2.2	M4	
	ADVANCED WATER PROOF	BEWT 315	3P 15A	0.4	2.2	M4	

■ MAS series Main switch

■ Specification

Appearance	Suffix code	Rated insulation voltage	Rated current	Material
	MAS-025-A/B	690 V a.c.	25 A	Anti-flammable
	MAS-063-A/B		63 A	
	MAS-125-A/B		125 A	




■ Suffix code

Model	Code	Information
MAS-	<input type="checkbox"/> <input type="checkbox"/>	Main Switch
Rated current	025	25 A a.c. ※IP64
	063	63 A a.c. ※IP55
	125	125 A a.c. ※IP65
Color classification	A	Emergency stop type (Yellow guard / Red handle)
	B	Standard type (White guard / Black handle)

Cam Switch

■ HY-SQ5/255/305/MRK series Cam switch

Specification

Model		Square type	Round type	Handle control type	Circle type	Square key type	
Appearance							Temperature Controller
Contact part	AC	Voltage		110 / 250 / 440 V		Digital Counter	
		Rated current		10 / 7 / 3 A		Timer	
		Momentary current		closed momentary current = rated current × 10		Analog Timer	
	DC	Voltage		24 / 110 / 250 V		Panel Meter	
		Resistance	Rated current	10 / 5 / 3 A			
			Momentary current	closed momentary current = rated current × 1.1			
		Induction	Rated current	5 / 1 / 0.4 A			
	Momentary current		closed momentary current = rated current × 1.1				
	Rated electric current		10 A		Multi Pulse Meter		
	Life	Mechanical		Min. 0.5 millions operations		Proximity Sensor	
Electrical		Min. 0.1 millions operations					
Insulation resistance		Min. 100 MΩ		Photo Sensor			
Contact resistance		Max. 15 MΩ (Initial)					
Dielectric strength		1,500 V a.c. 1 minute		Rotary Encoder			
Vibration resistance		10 – 55 Hz double amplitude width 1.5 mm					
Shock resistance		Min. 30G		Thyristor Power Regulator			
Operation power		560 g					
Ambient temperature		-20 ~ 50 °C		Solid State Relay			

Suffix code

Model	Code	Information	
Appearance	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Cam switch	
	HY-SQ5	Square type cam switch	
	HY-255	∅ 25 type cam switch	
	HY-305	∅ 30 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)	
Notches 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 20 A, 250 V product only within the square type contact structure

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

Cam Switch

SQ4 Cam switch

Specification

Model	SQ4	
Appearance		
Rated Insulation voltage (Ui)	690 V a.c.	
Dielectric strength (Uimp)	2,500 V a.c.	
Rated Electro Current (Ith)	16 A	
Rated Service Voltage (Ie)	16 A	
Rated Service Current (Iue)	480 V a.c.	
Mechanical Life Expectancy	300,000 Times	
Electrical Life Expectancy	AC : 200,000 Times, DC : 100,000 Times	
Ambient Temperature	-25 ~ 55 °C	
Ambient Humidity	Max 90 % RH	
Altitude	Max 2,000 m	
Protective Structure	IP65	
Pollution level	3	
Component Materials	Body	NY66 GF15 % Level of Resistance to flame
	Cam	ACETAL
	Contact	AgNi
	Terminal	Brass
	Bolt	Iron (Galvanizing)
	Spring	Stainless (STS)
	Handle	Level of PC Resistance to flame

Suffix code

Model	Code	Information
SQ4-	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Cam switch
Installation	F	Four holes of panel mounting
Contact type	S	Square type (Standard type)
Handle type	H	Standard type (Standard industrial machine)
	R	Switch-board type (A/S, V/S)
Notches selection	2	2 positions selection
	3	3 positions selection
	4	4 positions selection
	5	5 positions selection
	6	6 positions selection
	7	7 positions selection
	Number of contact unit (Number of rows)	1
2		2 Rows
3		3 Rows
4		4 Rows
5		5 Rows
6		6 Rows
Serial number (Contact formation diagram)	0 1	Label the serial number of contact formation

※ In case of standard item, please check circuit diagram