



Pushbutton Switches

B18950 A (FROM B18950 TO B18955)
CONTACT BLOCK
ITEM NO.

B18960 A A (FROM B18960 TO B18965)
LAMP
CONTACT BLOCK
ITEM NO.

FEATURES

- The operating head and contact block are detachable.
- The protection structure is IP65 (IEC144), except double pushbutton and illuminated pushbutton switches which are IP40.
- Dustproof, Oil-Tight, Waterproof.
- They are detachable in 3 sub-assembly which consist of upper base, fixing block and contact block.

SPECIFICATIONS

Operating Frequency	Mechanically	Push button (momentary) 60 cycles/min; others 30 cycles/min.
	Electrically	30 cycles/min.
Service Life	Mechanically	Push button (momentary) 3,000,000 operations; others 300,000 operations.
	Electrically	Push button (momentary) 500,000 operations; others 200,000 operations.
Shock	Durability	Transformer series 600m/s ² ; others 1000m/s ²
	Malfunction	Push button (momentary) 1000m/s ² ; others 250m/s ²
Vibration	Malfunction	10~55Hz double amplitude 1.5mm
Contact Resistance	50mΩ max. (initial value)	
Insulation Resistance	100MΩ min. (500VDC)	
Dielectric Strength	2500VAC, 50/60 Hz for 1 minute	
Ambient Temperature	-20℃~+60℃	
Humidity	45~85%RH	

RATING (CONTACT)

Operating Voltage		24V	110V	220V
AC	Inductive Load	10A	6A	4A
	Resistive Load	10A	10A	6A
DC	Inductive Load	1.5A	0.5A	0.2A
	Resistive Load	10A	2A	0.6A

CONTACT BLOCK

A	B	C	D	E	F
1NO	1NC	1NO1NC	2NO	2NC	2NO2NC

LAMP

Code	Lamp	Rated Voltage	Rated Current	Lens Color
A	NEON	110V	1.3mA	Red Blue Green
B	NEON	220V	2.2mA	
D	LED	6V	9~13mA	Red Blue Green White Orange
E	LED	12V	9~13mA	
F	LED	24V	8~13mA	

