

Technical data

IEC

Pilot Devices
Type CBK 22mm

Mechanical life

Pushbuttons with flush or extended button, momentary mushroom pushbutton	2 million operations
Selector switch, maintained mushroom push-button, key operated selector switch and double pushbutton	0.5 million operations
Toggle switch	1 million operations
Lockable pushbuttons	0.3 million operations

Temperature

Ambient temperature during operation	-25 to +70°C
Exception: All pilot devices with 2 W continuously lit filament bulb	-25 to +40°C
Storage temperature	-30 to +85°C

Terminals

Plus-minus pozidrive size 2 screw with DIN-washer.	
Connectable area	min. 1 x 0.5mm ²
max. 2 x 2.5mm ²	
Recommended torque	0.9 Nm

Contact blocks

Mechanical endurance	10 million operations
Self cleaning contacts of silver, N.C. contact has forced breaking.	
At voltages and currents below 24 V and 5.6 mA two contact blocks in parallel are recommended. As an alternative, gold plated contacts are recommended.	

Ratings as per UL/CSA, NEMA A 600, Q600

Rated insulation voltage	600V
Rated thermal current	10A
Rated operational current at	120V 6A
	240V 3A
	480V 1.5A
	600V 1.2A

Ratings as per IEC 947-5-1

Rated insulation voltage, U _i	690V
Rated thermal current, I _{th}	10A
Rated operational current, I _o , utilization category AC 15, at	120V 8A
	230V 6A
	400V 4A
	690V 2A
Rated operational current, I _o , utilization category DC 13, at	24V 5A
	125V 1.1A
	250V 0.55A

Contact resistance	.025 ohms
Max. number of contact blocks per operator ①	
Pushbutton, toggle switch	6
Mushroom pushbutton	5
Double pushbutton, selector switch, key operated selector switch and emergency stop pushbuttons	4
Short circuit protection	
Max. fuse at 1 kA	16 A ordinary 10 A delayed

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