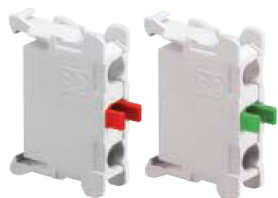


## Contact elements, base mount on LPZ control stations



LPX CB...

Order code	Function

Screw termination.  
Direct snap-in mounting on LPZ control station base.

LPX CB10①	
LPX CB01⊖	

- ① Not suitable for push-push actuators.  
② Direct opening operation ⊖ in accordance with IEC/EN 60947-5-1

## LED elements, steady light base mount on LPZ control stations



LPX LPB...

Order code	Rated auxiliary supply voltage	LED colour
	[V]	

Screw termination.  
Steady light.  
Direct snap-on mounting on LPZ... control station base

LPX LPB B3	12-30VAC/DC	Green
LPX LPB B4		Red
LPX LPB B5		Yellow
LPX LPB B6		Blue
LPX LPB B8		White

### LED ELEMENTS

- Supply voltage: 12-30VAC/DC; 85-140VAC; 185-265VAC
- Maximum consumption: 17mA (12-30VAC/DC); 20mA (85-140VAC); 17mA (185-265VAC)
- Total protection:
  - Against overvoltages
  - Against stray currents in wiring
  - To reduce flickering phenomenon
  - To withstand vibrations
- Electrical life: 100,000 hours.

### Wiring diagram for LED elements



**Maximum conductor cross section**  
1 or 2 2.5mm<sup>2</sup> or AWG14 cables.

### Certifications and compliance

Certifications obtained: UL Listed for USA and Canada (cULus – File E93601), as Auxiliary Devices.; EAC, CCC; pending: RINA.  
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n°14.

### Operational characteristics

- Any mounting position allowed
- Snap mount into fixing structures of LPZ control station base
- Maximum of 3 LPX CB... contact or 2 LPX CB... contact and 1 LPX LPB... LED elements (in middle pos. 3) for each actuator of LPZ control stations
- Wiring done directly in the base, so there is none with or directly in the cover
- Tightening torque Tmax: 1Nm/9lbin
- Ambient conditions:
  - Operating temperature: -25...+70°C
  - Storage temperature: -40...+85°C
- Degree of protection IEC/EN IP20.

### General characteristics

#### CONTACT ELEMENTS

Wiping action and dual scaping-oscillating effect

IEC rated insulation voltage: 690V

IEC rated thermal current Ith: 10A

Conductivity: 1mA 5V

UL/CSA and IEC/EN 60947-5-1 designation: A600 Q600

IEC/EN operational characteristics in AC15 category:

[V]	12	24	48	120	240	400	480	500	600
[A]	6	6	6	6	3	1.9	1.5	1.4	1.2

IEC/EN operational characteristics in DC13 category:

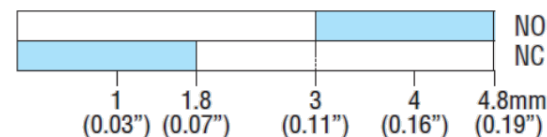
[V]	12	24	48	125	250	440	500	600
[A]	3	3	1.5	0.55	0.27	0.15	0.13	0.1

Short circuit protection fuse: max calibre 10A gG/SC

Contact resistance: ≤20mΩ

Terminals: Clamp screw and washer.

### Stroke of contact elements



Closed contact Open contact

### Mechanical and electrical endurance of contact elements

Opening force: ≤0.5kg / 1.1lb

Electrical life: 1,000,000 cycles for LPX CB10/CB01.