

Contact elements



LPX C...

Screw termination.
Without mounting adapter.

| | |
|----------------|--|
| LPX C10 | |
| LPX C01 | |

Spring-clamp termination.
Without mounting adapter.

| | |
|-----------------|--|
| LPX CS10 | |
| LPX CS01 | |

Screw termination. Without mounting adapter.
Auto-monitor contact elements for non-illuminated latch
mushroom-head pushbuttons.

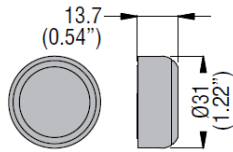


| | |
|------------------|--|
| LPX C01SM | |
| LPX C02SM | |

Mounting adapter



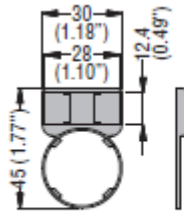
LPX AU120



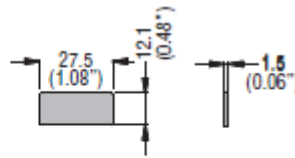
LPX AU137



LPX AU100



LPX AU100



LPX AU109

Operational characteristics

- Ambient conditions:
 - Operating temperature: -25...+70°C
 - Storage temperature: -40...+85°C
- Any mounting position is allowed.
- Degree of protection per IEC/EN:
 - IP20 for contacts elements with screw termination
 - IP00 for contact elements with Faston termination.
- Tightening torque: 1Nm/0.74lbf max (except Faston).

General characteristics of contact elements

Self cleaning, dual scraping-oscillating action
IEC rated insulation voltage: 690V
IEC rated thermal current I_{th}: 10A
Conductivity: 5V 1mA
UL/CSA and IEC/EN 60947-5-1 designation: A600 Q600.

IEC operational power in AC15:

| | | | | | | | | | |
|-----|----|----|----|-----|-----|-----|-----|-----|-----|
| [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 operational power in DC13:

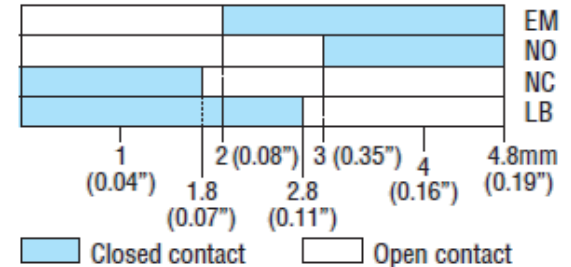
| | | | | | | | | |
|-----|----|----|-----|------|------|------|------|-----|
| [V] | 12 | 24 | 48 | 125 | 250 | 440 | 500 | 600 |
| [A] | 3 | 3 | 1.5 | 0.55 | 0.27 | 0.15 | 0.13 | 0.1 |

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

Contact resistance: ≤20mΩ.

Terminals: Clamp screw with washer
Faston 1-6.35mm(0.25in) or 2-2.8mm (0.11in).

Stroke of contact elements



Maximum conductor cross section for screw terminals
1 or 2 2.5mm² or AWG14 cables.

Mechanical and electrical endurance

Operating force: ≤0.5kg / 1.1lb (auxiliary contacts).
Electrical life: LPX C10 1,000,000 cycles
LPX CF10 1,000,000 cycles
LPX C01 1,000,000 cycles