Lovato

Contact elements



LPX C...

Screw termination.
Without mounting adapter.

LPX C10❶	.3 / .4 NO
LPX C01 ⊖	.1 / .2 NC

Spring-clamp termination.
Without mounting adapter.

LPX CS10❶	.3 / .4 NO
LPX CS01 ⊖	.1 / .2 NC



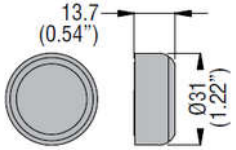
Screw termination. Without mounting adapter.
Auto-monitor contact elements for non-illuminated latch mushroom-head pushbuttons.

LPX C01SM❶ ⊖	.3 .1 / .4 .2 1NC
LPX C02SM❶ ⊖	.3 .1 .1 / .4 .2 .2 2NC

Mounting adapter



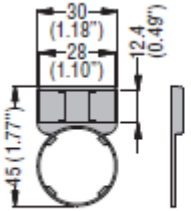
LPX AU120



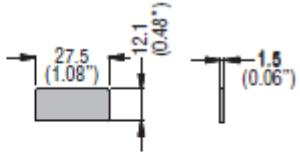
LPXAU137



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/0.74lbft max (except Faston).

General characteristics of contact elements

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

IEC operational power in AC15:

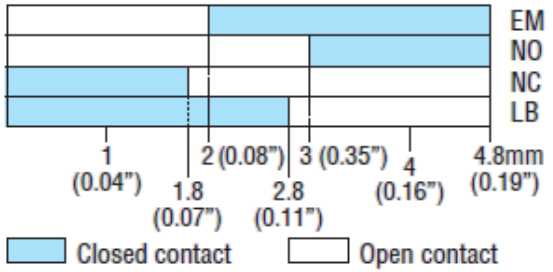
[V]	12	24	48	120	240	400	480	500	600
[A]	6	6	6	6	3	1.9	1.5	1.4	1.2

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