Lovato

Contact elements



LPX C...

Screw termination.
Without mounting adapter.

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

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

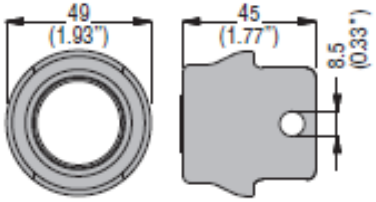
Accessories and spare parts



LPX AU158

LPX AU158❷❹	Padlockable protection, Ø6-8mm/0.24-0.31in locks for latch e-stop buttons (except LPC B634...)

❷ Cannot be used when LPX AU100 or LPX AU105 is fitted.
❹ Cannot be used when LPX AU167 is fitted.



LPX AU158



LPXAU114	EMERGENZA ARRESTO 60mm
LPX AU115	EMERGENCY/STOP Ø60mm / 2.4in
LPX AU118	ARRET D'URGENCE / NOT-AUS/ PARO EMERGENCIA Ø60mm / 2.4in

Mounting adapter

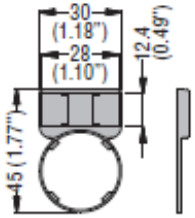


LPX AU120	Mounting adapter

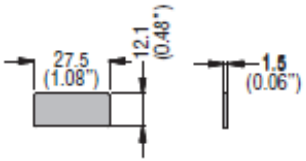


LPX AU100

LPX AU100	Label holder for blank or engraved plastic LPX AU109 labels
LPX AU109	Engravable silver plastic labeò to use with LPX AU100 holder



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:

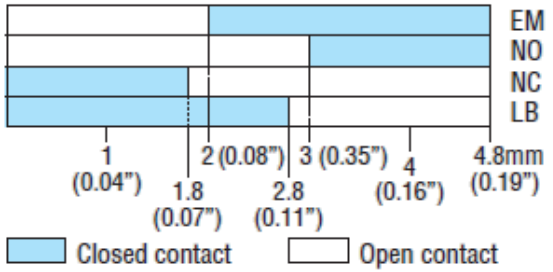
[V]	12	24	48	120	240	400	480	500	600
[A]	6	6	6	6	3	1.9	1.5	1.4	1.2

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