

Selector switch actuators knob

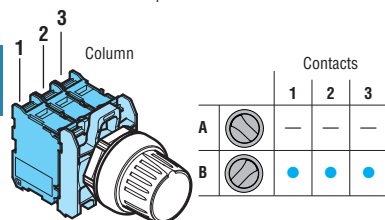


LPC S4...

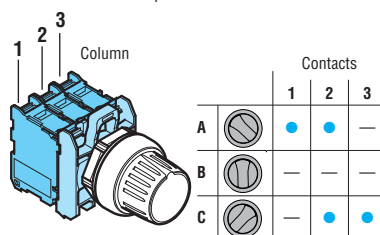


Order code	Type of positions	Qty per pkg	Wt
		n°	[kg]
2 position (without mounting adapter)			
LPC S420	∇	10	0.037
LPC S421	∇	10	0.037
3 position (without mounting adapter).			
LPC S430	∇	10	0.037
LPC S431	∇	10	0.037
LPC S432	∇	10	0.037
LPC S433	∇	10	0.037

Contact activation of 2-position selector switch



Contact activation of 3-position selector switch



Operational characteristics

- Any mounting position allowed
- Ambient conditions:
 - Operating temperature: -25...+70°C
 - Storage temperature: -40...+85°C
- Degree of protection:
 - Per IEC/EN: IP66, IP67 and IP69K
 - Per UL: Type 1, 2, 3R, 4, 4X, 12, 12K.

Materials

Polyamide.

Mechanical endurance

Mechanical life: 1,000,000 cycles.

Mounting adapter

See page 7-20.

Type: LPX AU120.

Actuators are installed through a Ø22mm/Ø0.87" drilling with a threaded fixing ring (Tmax = 2.3Nm/1.69lbf) also on the cover of LPZ control stations.

The mounting adapter directly snaps onto the actuator.

Contact elements

See page 7-20, 7-23 or 7-24.

Type	Termination
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Front-mount types snap onto LPX AU120 mounting adapter (to purchase separately). Up to 6 contacts can be fitted: 2 each on the left, middle and right or 3 each on the left and right, one behind the other.

They can also be fitted internally on the cover surface of LPZ control stations, up to 3 elements per actuator.

1NO	LPX C10	Screw
	LPX CF10	Faston
	LPXCS10	Spring clamp
1EM	LPX C10A	Screw
1NC	LPX C01	Screw
	LPX CF01	Faston
	LPX CS01	Spring clamp
1LB	LPX C01D	Screw

Base-mount types snap into LPZ control station base. See example on page 7-27.

Up to 3 contacts can be fitted per control station actuator.

1NO	LPX CB10	Screw
1NC	LPX CB01	Screw

Activation of the middle contacts is coupled to the side contacts; the relative mechanism pins are standard supplied.



The middle contact activation, with respect to the right and left side contact, can be changed by the user, if required, by removing one or both mechanism pins. Consult the relative instructions available online in the Downloads section at www.LovatoElectric.com.

Type of position

- ∇ Maintained position.
- ∇ Spring return position.

Rotation angles

2 position



3 position

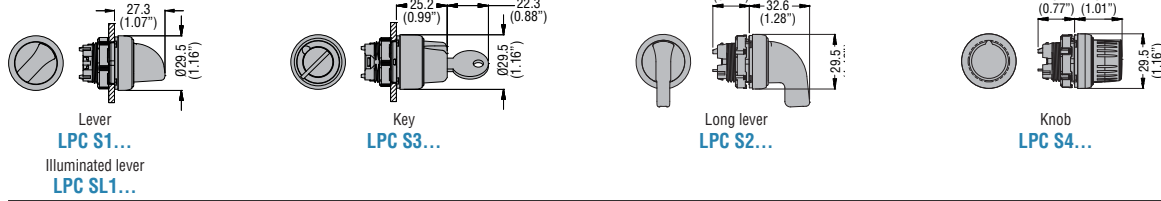


Certifications and compliance

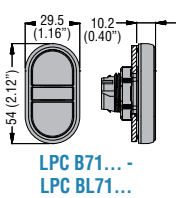
Certifications obtained: UL Listed for USA and Canada, (cULus - File E93601), as Auxiliary Devices; EAC, CCC (pending), RINA (pending).

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.

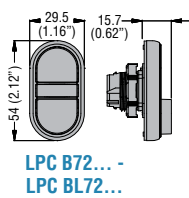
Selector switch actuators



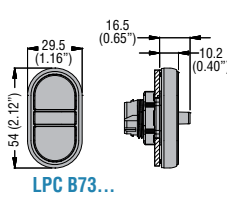
Flush double-touch buttons with or without light indicator



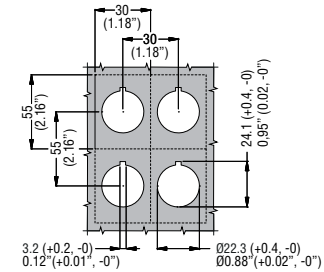
Double-touch buttons with an extended button with or without light indicator



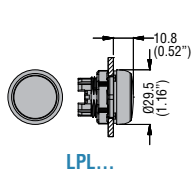
Triple-touch button with middle extended button



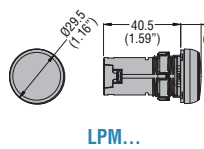
Drillings - Minimum recommended distances



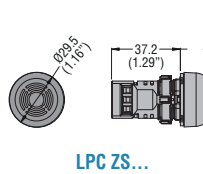
Pilot light head



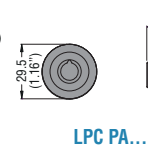
LED-integrated monoblock pilot lights



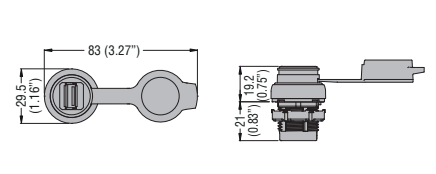
Monoblock buzzers



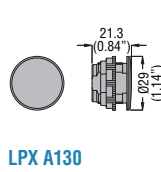
Monoblock potentiometer



Communication interfaces **LPC D...**



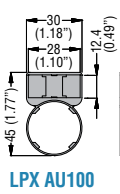
Threaded plug for unused drilled holes



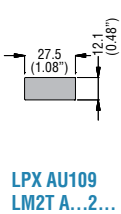
Knob selector switch protection



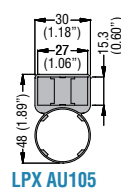
Label holder



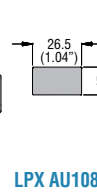
Label



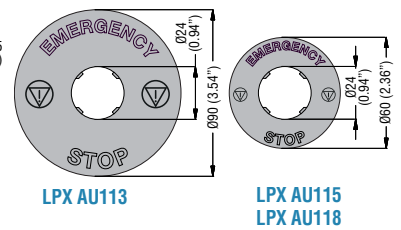
Label holder



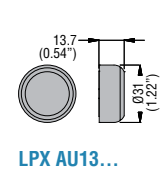
Label



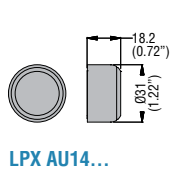
Plastic disk for mushroom-head pushbuttons



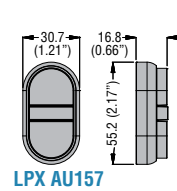
Rubber boot for flush buttons



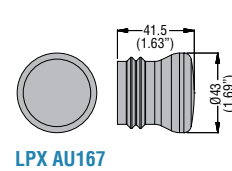
Rubber boot for extended buttons



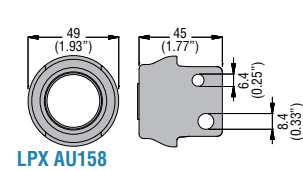
Double/triple button boot



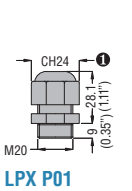
Rubber boot for mushroom-head buttons



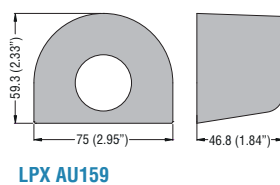
Padlockable protection for mushroom-head latch buttons



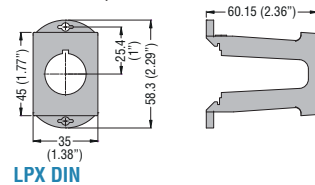
Cable gland



Shroud for mushroom-head latch buttons

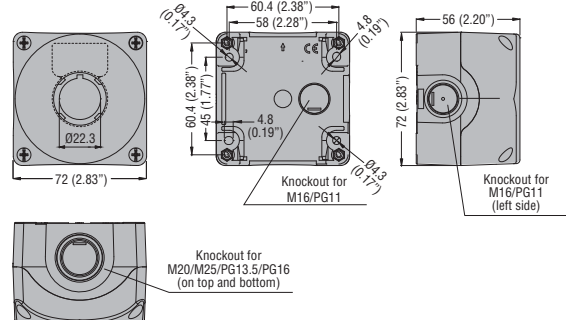


DIN rail adapter



CONTROL STATIONS WITHOUT ACTUATORS

LPZ P1 A5... **LPZ P1 A8...**



LPZ P2 A5... **LPZ P2 A8...**

