

Mushroom head pushbutton actuators



LPC B614...



LPC B616...



LPC B674...



LPC B6634



LPC B6644



LPC B684...

Order code	Colour	Qty per pkg n°	Wt [kg]
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SPRING RETURN.
Ø40mm/1.6" (without mounting adapter).

LPC B6142	Black	10	0.033
LPC B6143	Green	10	0.033
LPC B6144	Red	10	0.033
LPC B6145	Yellow	10	0.033
LPC B6146	Blue	10	0.033

SPRING RETURN.
Ø60mm/2.4" (without mounting adapter).

LPC B6162	Black	10	0.038
LPC B6163	Green	10	0.038
LPC B6164	Red	10	0.038
LPC B6165	Yellow	10	0.038
LPC B6166	Blue	10	0.038

LATCH, PULL TO RELEASE
Ø40mm/1.6" (without mounting adapter).
For normal stopping.

LPC B6742	Black	10	0.097
LPC B6744	Red	10	0.097

For emergency stopping, ISO 13850 compliant.

LATCH, TURN TO RELEASE
Ø40mm/1.6" (without mounting adapter).
For normal stopping.

LPC B6342	Black	10	0.046
LPC B6344	Red	10	0.046

Ø30mm/1.2" (without mounting adapter).
For emergency stopping, ISO 13850 compliant.

Ø40mm/1.6" (without mounting adapter).
For emergency stopping, ISO 13850 compliant.

LPC B6644	Red	10	0.079
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LATCH, TURN KEY TO RELEASE
Ø40mm/1.6" (without mounting adapter). Key code n° 455.
For normal stopping.

LPC B6842	Black	10	0.083
LPC B6842R [⊗]	Black	1	0.083

For emergency stopping, ISO 13850 compliant.

LPC B6844	Red	10	0.083
LPC B6844R [⊗]	Red	1	0.083

[⊗] Versions with different key codes.
Complete with the numeric code of the key.
The following versions are available: 421E, 458A, 520E, 3131A, 3433E.
Example of complete code: LPC B6844R 421E.

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/CSA: Type 1, 2, 3R, 4, 4X, 12, 12K.

Materials

Polyamide.

Mechanical endurance

- Operating force: <0.5kg / 1.1lb (actuator).
- Mechanical life:
 - Mushroom head spring return buttons: 5,000,000 cycles
 - Mushroom head latch buttons: 300,000 cycles.

Mounting adapter

See page 7-18.

Type: LPX AU120.

Actuators are installed through a Ø22mm/Ø0.89" 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 for mushroom-head spring return and latch button actuators

See page 7-18, 7-21 or 7-22.

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

Base-mount types snap into LPZ control station base.

See example on page 7-25.

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

1NO	LPX CB10	Screw
1NC	LPX CB01	Screw

AUTO-MONITOR CONTACT with MUSHROOM-HEAD LATCH TYPES only: 2 elements max of this type can be mounted. Extra two contacts can be fitted on the right.

Two elements per actuator can be fixed internally on the cover surface of LPZ control stations of which one auto-monitor type. No LED element can be installed.

Auto-monitor 1NC	LPX C01SM	Screw (2 stacked in the middle - LPX AU120 pos.1/3-4/6)
1NO	LPX C10	Screw (2 stacked on the right)
	LPX CF10	Faston (2 stacked on the right)
1NC	LPX C01	Screw (2 stacked on the right)
	LPX CF01	Faston (2 stacked on the right)

AUTO-MONITOR CONTACT with MUSHROOM-HEAD LATCH TYPES only: 2 elements max of this type can be mounted. Only one of this type per actuator can be fixed internally on the cover surface of LPZ control stations. No LED element can be installed.

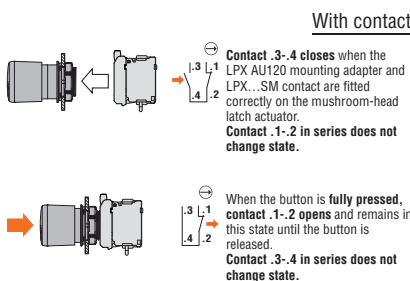
Auto-monitor 2NC	LPX C02SM	Screw (2 stacked)
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All these actuators are standard-supplied with action plug for middle contacts.

Certifications and compliance

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

Normal operation of auto-monitor contact mounted on surface or on cover of control stations



In case of detachment of only the contact element and/or of the mounting adapter with contact element

