Lovato electric

Push-push button actuators

LPC Q10…

LPC Q20…

Order code	Colour	Qty per pkg	Wt
		n°	[kg]
Flush (without mounting adapter). Push on-push off.			
LPC Q102❶	Black	10	0.025
LPC Q103❶	Green	10	0.025
LPC Q104❶	Red	10	0.025
LPC Q105❶	Yellow	1	0.025
LPC Q106❶	Blue	1	0.025
LPC Q108❶	White	1	0.025
Extended (without mounting adapter). Push on-push off.			
LPC Q202❶	Black	10	0.027
LPC Q203❶	Green	10	0.027
LPC Q204❶	Red	10	0.027
LPC Q205❶	Yellow	1	0.027
LPC Q206❶	Blue	1	0.027
LPC Q208❶	White	1	0.027

❶ Contact elements LPX C10 (NO) and LPX C01D (LB) cannot be fitted on these actuators.
  Use contact elements LPX C10A (EM) and LPXC01 (NC) only.

Mushroom head push button actuators

LPC B614…

LPC B616…

LPC B674…

LPC B6634

LPC B6644

LPC B684…

Order code	Colour	Qty per pkg	Wt
		n°	[kg]
SPRING RETURN. Ø40mm/1.6in (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/2.4in (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/1.6in (without mounting adapter). For normal stopping.			
LPC B6742	Black	10	0.097
For emergency stopping, ISO 13850 compliant.			
LPC B6744	Red	10	0.097
LATCH, TURN TO RELEASE Ø40mm/1.6in (without mounting adapter). For normal stopping.			
LPC B6342	Black	10	0.046
LPC B6344	Red	10	0.046
Ø30mm/1.2in (without mounting adapter). For emergency stopping, ISO 13850 compliant.			
LPC B6634	Red	10	0.079
Ø40mm/1.6in (without mounting adapter). For emergency stopping, ISO 13850 compliant.			
LPC B6644	Red	10	0.079
LATCH, TURN KEY TO RELEASE Ø40mm/1.6in (without mounting adapter). For normal stopping.			
LPC B6842	Black	10	0.083
LPC B6842R❷	Black	1	0.083
For emergency stopping, ISO 13850 compliant.			
LPC B6844	Red	10	0.083
LPC B6844R❷	Red	1	0.083

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

Materials
Polyamide.

Mechanical endurance
Operating force: <0.5kg / 1.1lb (actuator).
Mechanical life:
– Push-push actuators: 500,000 cycles;
– Mushroom head buttons: 5,000,000 cycles;
– Mushroom head latch buttons: 300,000 cycles.

Mounting adapter
See page 7-12.
Type: LPX AU120.
Actuators are installed through a Ø22mm/Ø0.87in drilling with a threaded fixing ring (Tmax = 2.3Nm / 1.69lbft).
The mounting adapter directly snaps onto the actuator.

Contact elements for push-push button actuators
See page. 7-12.
Type: LPX C10A (1EM)
      LPX C01 (1NC)
Contact elements snap onto the mounting adapter.
Up to 6 contact elements can be fitted on the mounting adapter: 2 on the left, 2 at the centre and 2 on the right.

Contact elements for mushroom head spring return button actuators
See page 7-12.
Type: LPX C10 (1NO)
      LPX CF10 (1NO Faston)
      LPX C10A (1EM)
      LPX C01 (1NC)
      LPX CF01 (1NC Faston)
      LPX C01D (1LB)
Contact elements snap onto the mounting adapter.
Up to 9 auxiliary contacts can be fitted on the mounting adapter: 3 on the left, 3 at the centre and 3 on the right.
To mount the contact elements in the centre position, use the accessory: LPX A140; see page 7-17.

Contact elements for mushroom head latch button actuators
See page 7-12.
Type: LPX C10 (1NO)
      LPX CF10 (1NO Faston)
      LPX C10A (1EM)
      LPX C01 (1NC)
      LPX CF01 (1NC Faston)
      LPX C01D (1LB)
Contact elements snap onto the mounting adapter.
Up to 6 contact elements can be fitted on the mounting adapter: 2 on the left, 2 at the centre and 2 on the right.

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

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