

Pushbutton actuators, spring return



LPC B10...



LPC B20...



LPC B30...

Order code	Colour	Qty per pkg	Wt
		n°	[kg]

Flush (without mounting adapter). Spring return.

LPC B102	Black	10	0.025
LPC B103	Green	10	0.025
LPC B104	Red	10	0.025
LPC B105	Yellow	10	0.025
LPC B106	Blue	10	0.025
LPC B108	White	10	0.025

Extended (without mounting adapter). Spring return.

LPC B202	Black	10	0.027
LPC B203	Green	10	0.027
LPC B204	Red	10	0.027
LPC B205	Yellow	1	0.027
LPC B206	Blue	1	0.027
LPC B208	White	1	0.027

Shrouded (without mounting adapter). Spring return.

LPC B302	Black	10	0.027
LPC B303	Green	10	0.027
LPC B304	Red	10	0.027
LPC B305	Yellow	1	0.027
LPC B306	Blue	1	0.027
LPC B308	White	1	0.027

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 Q102ⓘ	Black	10	0.025
LPC Q103ⓘ	Green	10	0.025
LPC Q104ⓘ	Red	10	0.025
LPC Q105ⓘ	Yellow	1	0.025
LPC Q106ⓘ	Blue	1	0.025
LPC Q108ⓘ	White	1	0.025

Extended (without mounting adapter).

Push on-push off.

LPC Q202ⓘ	Black	10	0.027
LPC Q203ⓘ	Green	10	0.027
LPC Q204ⓘ	Red	10	0.027
LPC Q205ⓘ	Yellow	1	0.027
LPC Q206ⓘ	Blue	1	0.027
LPC Q208ⓘ	White	1	0.027

ⓘ Use contact elements LPX C10A (EM) and LPXC01 (NC) only.

Contact elements LPX C10 (NO) and LPX C01D (LB) cannot be fitted on these actuators.

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:

- Spring return actuators: 5,000,000 cycles
- Push-push actuators: 500,000 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 spring-return button actuators

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

Type	Termination
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Front-mount types snap onto LPX AU120 mounting adapter (to purchase separately).

Up to 9 contacts can be fitted: 3 each on the left, middle 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 7-25.

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

1NO	LPX CB10	Screw
1NC	LPX CB01	Screw

Contact elements for push-push button actuators

See page 7-18.

Type: LPX C10A (1EM early make, screw terminals)
LPX C01 (1NC, screw terminals)

Contacts snap onto LPX AU120 adapter and also internally on the cover surface of LPZ control stations.

Up to 6 contacts can be fitted: 2 each on the left, middle and right, one behind the other; up to 3 elements per control station actuator.

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