

Mechanical reset buttons, complete unit, spring return



LPC R1196



Order code	Colour	Qty per pkg	Wt
		n°	[kg]
Flush (5.2mm/0.2" stroke). Adjustable length 0-150mm/5.9". Complete with shaft (without mounting adapter). Spring return.			
LPC R1002	Black	10	0.038
LPC R1003	Green	10	0.038
LPC R1004	Red	10	0.038
LPC R1006	Blue	10	0.038
LPC R1196	Blue (RESET)	10	0.038
Extended (5.2mm/0.2" stroke). Adjustable length 0-150mm/5.9". Complete with shaft (without mounting adapter). Spring return.			
LPC R2004	Red	1	0.040

● With "RESET" caption on actuator.

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:
- Mechanical reset buttons: 5,000,000 cycles
 - Double and triple-touch actuators: 1,000,000 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 / 1.69lbf).
The mounting adapter directly snaps onto the actuator.

Contact elements

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.

MECHANICAL RESET BUTTONS

Up to 6 contact elements can be fitted on the mounting adapter: 3 on the left and 3 on the right.

DOUBLE-TOUCH ACTUATORS

Up to 6 contact elements can be fitted on the mounting adapter: 3 on the left and 3 on the right.

TRIPLE-TOUCH ACTUATORS

Up to 9 contact elements can be fitted on the mounting adapter: 3 on the left, 3 at the centre and 3 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.

7-6

Double-touch actuators, spring return



LPC B71...



Order code	Colour	Symbols	Qty per pkg	Wt
			n°	[kg]
Two flush push buttons (without mounting adapter). Both spring return.				
LPC B7112	Black/Red	—	5	0.030
LPC B7113	Green/Red	—	5	0.030
LPC B7114	White/Black	—	5	0.030
LPC B7122	Black/Red	I-O	5	0.030
LPC B7123	Green/Red	I-O	5	0.030
LPC B7124	White/Black	I-O	5	0.030
LPC B7133	Green/Red	Start/Stop	5	0.030



LPC B72...



Order code	Colour	Symbols	Qty per pkg	Wt
			n°	[kg]
One extended and one flush push buttons (without mounting adapter). Both spring return.				
LPC B7212	Black/Red	—	1	0.030
LPC B7213	Green/Red	—	5	0.030
LPC B7214	White/Black	—	1	0.030
LPC B7222	Black/Red	I-O	5	0.030
LPC B7223	Green/Red	I-O	5	0.030
LPC B7224	White/Black	I-O	1	0.030
LPC B7233	Green/Red	Start/Stop	5	0.030

Triple-touch actuators, spring return



LPC B73...



Order code	Symbols	Qty per pkg	Wt
		n°	[kg]
Two external flush and one middle extended buttons (without mounting adapter). Spring return.			
LPC B7345	 STOP 	5	0.028
LPC B7355	↑ STOP ↓	5	0.028
LPC B7365	→ STOP ←	5	0.028
LPC B7375	↗ STOP ↖	5	0.028

Mounting adapter



LPX AU120



Order code	Description	Qty per pkg	Wt
		n°	[kg]
LPX AU120	Mounting adapter	10	0.019

Contact elements

7-12



LPX C...



Order code	Function	Qty per pkg	Wt
	All SPST	n°	[kg]

Screw termination.
Without mounting adapter.

LPX C10Ⓢ	1.3 1.4 NOⓈ	10	0.011
LPX C10A	1.7 1.8 EMⓈ	10	0.011
LPX C01⊖	1.1 1.2 NCⓈ	10	0.011
LPX C01DⓈ⊖	1.5 1.6 LBⓈⓈ	10	0.011

Screw termination.
With mounting adapter.

LPX E10Ⓢ	1.3 1.4 NOⓈ	10	0.029
LPX E01⊖	1.1 1.2 NCⓈ	10	0.029

Faston termination.
Without mounting adapter.

LPX CF10Ⓢ	1.3 1.4 NOⓈ	10	0.012
LPX CF01⊖	1.1 1.2 NCⓈ	10	0.012

- Ⓢ Not suitable for push-push actuators. Use LPX C10A (EM) or LPX C01 (NC) type only with push-push actuators.
- Ⓢ Normally open contact with early make operation.
- ⊖ Direct opening operation ⊖ in accordance with IEC/EN 60947-5-1.
- Ⓢ Normally closed contact with late break operation.



LPX E...



LPX CF01 LPX CF10



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/0.74lbf 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:

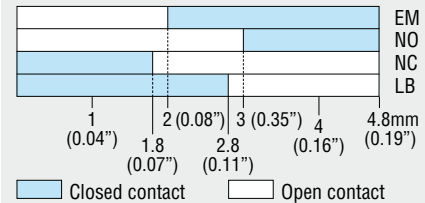
[V]	12	24	48	125	250	440	500	600
[A]	3	3	1.5	0.55	0.27	0.15	0.13	0.1

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

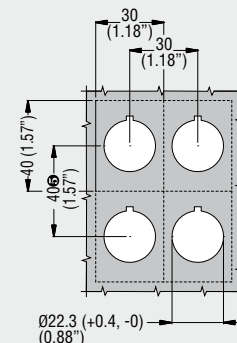


Maximum conductor cross section for screw terminals
1 or 2 2.5mm² or AWG14 cables.

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
LPX CF01	1,000,000 cycles
LPX C10A	600,000 cycles
LPX C01D	600,000 cycles.



Ⓢ When using Faston, pitch is 85mm / 3.35in minimum.

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.