

## Illuminated button actuators, spring return



8 LM2T BL10...



8 LM2T BL20...

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

Flush with side visibility (without mounting adapter).  
Spring return.

8 LM2T BL103	Green	10	0.033
8 LM2T BL104	Red	10	0.033
8 LM2T BL105	Yellow	10	0.033
8 LM2T BL106	Blue	10	0.033
8 LM2T BL107	Transparent	10	0.033

Extended (without mounting adapter). Spring return.

8 LM2T BL203	Green	10	0.035
8 LM2T BL204	Red	10	0.035
8 LM2T BL205	Yellow	10	0.035
8 LM2T BL206	Blue	10	0.035
8 LM2T BL207	Transparent	10	0.035

## Push-push button actuators



8 LM2T QL10...



8 LM2T QL20...

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

Flush with side visibility (without mounting adapter).  
Push on-push off.

8 LM2T QL103	Green	10	0.033
8 LM2T QL104	Red	10	0.033
8 LM2T QL105	Yellow	10	0.033
8 LM2T QL106	Blue	10	0.033
8 LM2T QL107	Transparent	10	0.033

Extended (without mounting adapter).  
Push on-push off.

8 LM2T QL203	Green	10	0.035
8 LM2T QL204	Red	10	0.035
8 LM2T QL205	Yellow	10	0.035
8 LM2T QL206	Blue	10	0.035
8 LM2T QL207	Transparent	10	0.035

❶ Use contact elements EM (8LM2T C10A early make) and NC (8LM2T C01) only.  
Contact elements NO (8LM2T C10) and LB (8LM2T C01D late break) cannot be used with these actuators. For the number of contact elements, refer to the right-hand column.

### Operational characteristics

- Any mounting position allowed
- Ambient conditions:
  - Operating temperature: -25...+60°C
  - Storage temperature: -40...+70°C
- Degree of protection:
  - Per IEC/EN: IP65
  - Per UL/CSA: Type 1, 2, 3R, 4, 4X, 12, 12K.

### Materials

An aluminium and zinc alloy (zama) is used for the metal part whereas plastic parts are made of polyamide and polycarbonate.

### Mechanical endurance

- Operating force: 0.8kg / 1.7lb (actuator).  
Mechanical life:
- Spring return buttons: 1,000,000 cycles
  - Push-push buttons: 500,000 cycles.

### Mounting adapter

Type: LM2T AU120.

The adapter is fixed to the mounting surface by means of incorporated screws (Tmax = 0.8Nm/0.59lbf).

Actuators latch onto the mounting adapter by simple rotation through a Ø22mm/0.89" drilling also on the cover of LPZ control stations.

### Contact elements for illuminated spring-return buttons

Type: LM2T C10 (1NO)  
LM2T CF10 (1NO Faston)  
LM2T C10A (EM)  
LM2T C01 (1NC)  
LM2T CF01 (1NC Faston)  
LM2T C01D (LB)

Contact elements snap onto the mounting adapter. Up to 4 contacts can be fitted, 2 each on the left and right one behind the other, when one of the lamp-holders type LM2T DL400, LM2T VL230, LM2T EL400, LM2T ZL230, LM2T L... or LM2T M... is used in the middle position. Instead when using lamp-holder LM2T XL, LM2T YL, LM2TFL or LM2T GL..., up to 2 contacts only can be fitted one behind the other.

On the cover of LPZ control stations, up to 2 contacts per actuator can be internally fitted, 1 each on the right and/or left, when one of the lamp-holders type LM2T DL400, LM2T VL230, LM2T EL400, LM2T ZL230, LM2T L... or LM2T M... is used in the middle position.

### Contact elements for illuminated push-push buttons

Type: LM2T C10A (EM)  
LM2T C01 (1NC)

Contact elements snap onto the mounting adapter. Up to 2 contact elements can be fitted 1 each on the left and right along with one of the lamp-holders type LM2T DL400, LM2T VL230, LM2T EL400, LM2T ZL230, LM2T L... or LM2T M... in the middle position; also internally on LPZ control station covers for each actuator.

### Lamp-holder elements

### Lamps

Maximum recommended power: 1.2W.

### Certifications and compliance

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