

## Mushroom head pushbutton actuators



8 LM2T B614...



8 LM2T B616...



8 LM2T B624...



8 LM2T B634...



8 LM2T B664



8 LM2T B654...

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

SPRING RETURN.  
Ø40mm/1.6" (without mounting adapter).

8 LM2T B6142	Black	10	0.037
8 LM2T B6143	Green	10	0.037
8 LM2T B6144	Red	10	0.037
8 LM2T B6145	Yellow	10	0.037
8 LM2T B6146	Blue	10	0.037

Ø60mm/2.4" (without mounting adapter).

8 LM2T B6162	Black	10	0.043
8 LM2T B6163	Green	10	0.043
8 LM2T B6164	Red	10	0.043
8 LM2T B6165	Yellow	10	0.043
8 LM2T B6166	Blue	10	0.043

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

8 LM2T B6242	Black	10	0.105
8 LM2T B6244	Red	10	0.105

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

8 LM2T B6342	Black	10	0.054
8 LM2T B6344	Red	10	0.054

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

8 LM2T B6644	Red	10	0.087
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LATCH, TURN KEY TO RELEASE.  
Ø40mm/1.6" (without mounting adapter).  
For normal stopping.

8 LM2T B6542	Black	10	0.091
8 LM2T B6542G❶		1	0.091
8 LM2T B6544	Red	10	0.091
8 LM2T B6544G❶		1	0.091

❶ Versions with different key codes.  
Complete with the numeric code of the key. The following versions are available: 501, 502, 503, 504, 505, 506, 507, 508, 509, 510.  
Example of complete code: 8 LM2T B6542G505.

### Operational characteristics

- Any mounting position allowed
- Ambient conditions:
  - Operating temperature: -25...+60°C
  - Storage temperature: -40...+70°C
- Degree of protection:
  - Per IEC/EN: IP66 for mushroom buttons (IP65 for LM2T B654...)
  - Per UL: Type 1, 2, 3R, 4, 4X, 12, 12K except for 8 LM2T B616 which is Type 1, 2, 3R, 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:

- Mushroom head spring return buttons: 1,000,000 cycles
- Mushroom head latch buttons: 300,000 cycles.

### Mounting adapter

See page 7-41.

Type: LM2T AU120.

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

Actuators latch onto the mounting adapter by simple rotation through a Ø22mm/Ø0.87" drilling also on the cover of LPZ control stations.

### Contact elements

SPRING RETURN MUSHROOM - HEAD BUTTONS

See page 7-41.

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

Contact elements snap onto the mounting adapter.

Up to 6 contacts can be fitted: 2 each on the left, middle and right, one behind the other.

Up to 3 contacts per actuator can be internally fitted the cover surface of LPZ control stations.

To use contact elements in the middle position, install on the action plug LM2T A140 on the actuator; see page 7-38.

### LATCH MUSHROOM - HEAD BUTTONS

Up to 6 contacts can be fitted: 2 each on the left, middle and right, one behind the other. (for LM2T B624... and LM2T B6644 max 4 contacts).

Up to 3 contacts per actuator can be internally fitted the cover surface of LPZ control stations.

### Certifications and compliance

Certifications obtained: UL Listed for USA and Canada, (cULus - File E93601), as Auxiliary Devices; EAC, RINA, LROS, CCC.

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.