

### LED integrated monoblock pilot lights, steady light



8 LP2T IL...

Order code	Rated auxiliary supply voltage	LED colour	Qty per pkg	Wt
			n°	[kg]
Screw terminals with protection. Lamp supplied.				
8 LP2T ILA3	12VAC/DC	Green	10	0.021
8 LP2T ILA4		Red	10	0.021
8 LP2T ILA5		Yellow	10	0.021
8 LP2T ILA6		Blue	10	0.021
8 LP2T ILA8		Transparent	10	0.021
8 LP2T ILB3	24VAC/DC	Green	10	0.021
8 LP2T ILB4		Red	10	0.021
8 LP2T ILB5		Yellow	10	0.021
8 LP2T ILB6		Blue	10	0.021
8 LP2T ILB8		Transparent	10	0.021
8 LP2T ILE3	110VAC	Green	10	0.024
8 LP2T ILE4		Red	10	0.024
8 LP2T ILE5		Yellow	10	0.024
8 LP2T ILE6		Blue	10	0.024
8 LP2T ILE8		Transparent	10	0.024
8 LP2T ILM3	230VAC	Green	10	0.024
8 LP2T ILM4		Red	10	0.024
8 LP2T ILM5		Yellow	10	0.024
8 LP2T ILM6		Blue	10	0.024
8 LP2T ILM8		Transparent	10	0.024

#### Operational characteristics

- Rated auxiliary supply voltage  $U_s$ : 12VAC/DC, 24VAC/DC; 110VAC; 230VAC
- Operating range:  $-15...+10\%$   $U_s$
- Electrical life:  $>30,000$  hours
- Consumption:  $\leq 20$ mA
- Screw termination
- Maximum tightening torque: 0.8Nm
- Side cable entry
- Ambient conditions:
  - Operating temperature:  $-5...+40^\circ\text{C}$
  - Degree of protection: IP65 on front; IP20 at rear.

#### Materials

Polyamide and polycarbonate.

#### Maximum conductor cross section

1 or 2 1.5mm<sup>2</sup> or 16 AWG cables.

#### Wiring diagram



#### Certifications and compliance

Certifications obtained: cULus, GOST and CCC.  
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1; UL508; CSA C22.2 n° 14.

### Monoblock pilot lights (with diffuser)



8 LP2T IL21...



8 LP2T IL22...



8 LP2T IL23...

Order code	Colour	Lamp supplied	Qty per pkg	Wt
			n°	[kg]
Screw terminals without protection. Lamp not supplied.				
8 LP2T IL213	Green	no	10	0.023
8 LP2T IL214	Red	no	10	0.023
8 LP2T IL215	Yellow	no	10	0.023
8 LP2T IL216	Blue	no	10	0.023
8 LP2T IL217	Transparent	no	10	0.023
Screw terminals with protection. Lamp not supplied.				
8 LP2T IL223	Green	no	10	0.024
8 LP2T IL224	Red	no	10	0.024
8 LP2T IL225	Yellow	no	10	0.024
8 LP2T IL226	Blue	no	10	0.024
8 LP2T IL227	Transparent	no	10	0.024
Faston terminals without protection <sup>①</sup> . Lamp not supplied.				
8 LP2T IL233	Green	no	10	0.021
8 LP2T IL234	Red	no	10	0.021
8 LP2T IL235	Yellow	no	10	0.021
8 LP2T IL236	Blue	no	10	0.021
8 LP2T IL237	Transparent	no	10	0.021

① LP2T IL23... pilot lights have Faston terminals, 1-6.35 or 2-2.8mm..

#### Operational characteristics

- Ambient conditions:
  - Operating temperature:  $-25...+60^\circ\text{C}$
  - Storage temperature:  $-40...+70^\circ\text{C}$
- Any mounting position is allowed
- Degree of protection:
  - Per IEC/EN: IP65 on front; IP20 at rear
  - Per UL: type 1, 2, 3R, 4, 4X, 12, 12K.

#### Materials

Polyamide and polycarbonate.

#### Maximum conductor cross section

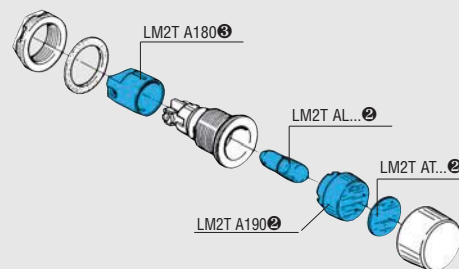
1 or 2 1.5mm<sup>2</sup> or AWG16 cables.

#### Wiring diagram



#### Bulbs

Max rated auxiliary supply voltage: 415VAC/DC  
Maximum recommended power: 2.6W. See page 6-22.



② Can be purchased separately.

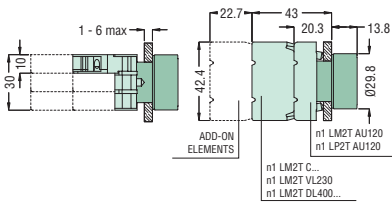
Refer to pages 6-22 and 23.

③ Standard supplied with LP2T IL22... only..

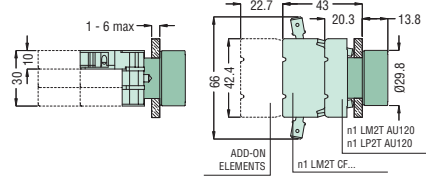
#### Certifications and compliance

Certifications obtained: cULus, (8 LP2T IL23 UL Recognized), RINA, LROS, GOST, CCC.  
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1; UL508; CSA C22.2 n° 14.

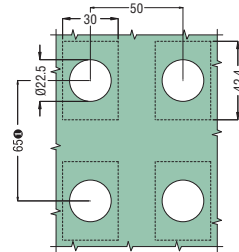
Flush push button with auxiliary contacts or lamp-holder (direct or resistor-diode type)



Flush push button with Faston auxiliary contacts

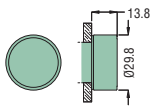


Drilling - Minimum recommended distances

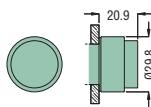


When Faston auxiliary contacts are used, the vertical pitch must be 90mm minimum.

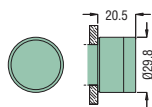
Push buttons



Flush  
L...2T B1...  
Push-push  
L...2T Q1...

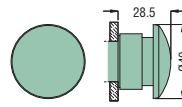


Extended  
L...2T B2...  
Push-push  
L...2T Q2...  
Illuminated extended  
L...2T BL2...  
Illuminated push-push  
L...2T QL2...

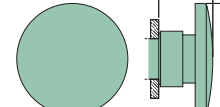


Shrouded  
L...2T B30...  
Illuminated flush  
L...2T BL1...  
Illuminated push-push  
L...2T QL1...

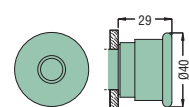
Mushroom-head buttons



Spring return  
L...2T B614...  
Illuminated spring return  
L...2T BL614...

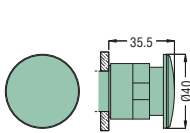


Spring return  
L...2T B616...



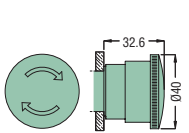
Push-pull  
L...2T B624...

Illuminated push-pull

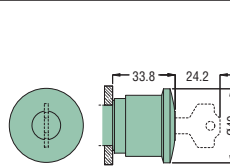


Illuminated push-pull  
L...2T BL624...

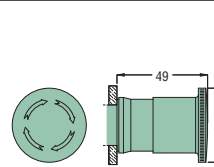
Turn to release



Turn to release  
L...2T B634...

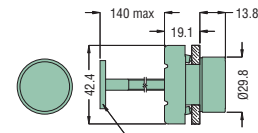


Turn key to release  
L...2T B654...



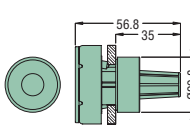
Turn to release  
ISO13850 (ex EN418)  
compliant  
L...2T B6644

Reset button (complete unit)



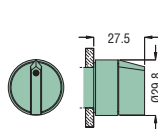
L...2T R1...

Potentiometer drive

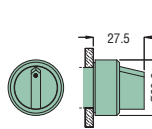


LM2T P100  
LM2T P110

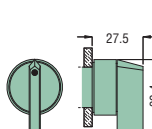
Selectors



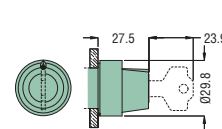
Knob  
L...2T S1...



Illuminated knob  
L...2T SL1...

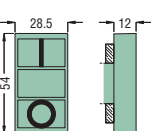


Lever  
L...2T S2...



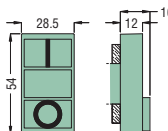
Key  
L...2T S3...

Double-touch push buttons with or without indicator 2 flush buttons



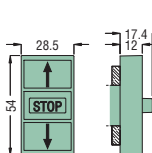
L...2T B71...  
L...2T BL71...

Double-touch push buttons with or without indicator 1 flush and 1 extended buttons



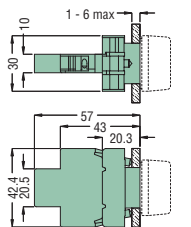
L...2T B72... -  
L...2T BL72...

Triple-touch button with middle extended button



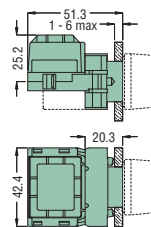
L...2T B73...

LED integrated lamp-holder steady or flashing light



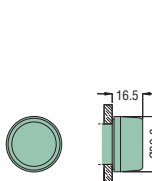
LM2T EL... - LM2T ZL...  
LM2T DL... - LM2T VL...  
LM2T L... - LM2T M...

Transformer or flashing lamp holder



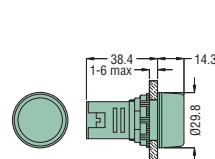
LM2T YL... - LM2T GL...  
LM2T XL... - LM2T FL...

Pilot light head



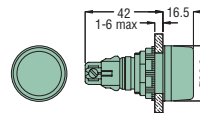
LM2T IL1...

LED-integrated monoblock pilot light steady light



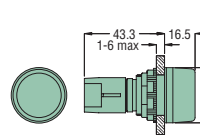
LP2T ILA... - LP2T ILB...  
LP2T ILE... - LP2T ILM...

Monoblock pilot light complete with diffuser, without terminal protection



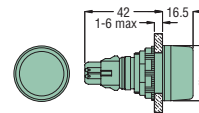
LP2T IL21...

Monoblock pilot light complete with diffuser and terminal protection



LP2T IL22...

Monoblock pilot light complete with diffuser, 1-6.35 or 2-2.8 Faston terminals without terminal protection



LP2T IL23...