

Lamp-holders elements without mounting adapter



8 LM2T EL400
8 LM2T ZL230

8 LM2T YL...
8 LM2T GL...

| Order code | Rated auxiliary supply voltage | Type of bulb supplied | Qty per pkg | Wt |
|--------------------------|--------------------------------|-----------------------|-------------|-------|
| | [V] 50/60Hz | | n° | [kg] |
| Direct supply. | | | | |
| 8 LM2T EL400① | ≤415VAC/DC | No | 10 | 0.011 |
| With resistor and diode. | | | | |
| 8 LM2T ZL230④ | 230VAC | Yes 130V, 2W | 10 | 0.015 |
| With transformer⑤. | | | | |
| 8 LM2T YL110② | 110-120VAC | Yes 24V, 1.2W | 1 | 0.086 |
| 8 LM2T YL230② | 220-240VAC | Yes 24V, 1.2W | 1 | 0.084 |
| 8 LM2T YL400② | 380-415VAC | Yes 24V, 1.2W | 1 | 0.087 |
| Flashing⑥. | | | | |
| 8 LM2T GL048⑥⑦ | 24-48VAC | No | 1 | 0.027 |
| 8 LM2T GL230⑥⑦ | 110-230VAC | No | 1 | 0.027 |

Lamp-holders elements with mounting adapter



8 LM2T DL400 - 8 LM2T VL230

8 LM2T XL... - 8 LM2T FL...

| Order code | Rated auxiliary supply voltage | Type of bulb supplied | Qty per pkg | Wt |
|--------------------------|--------------------------------|-----------------------|-------------|-------|
| | [V] 50/60Hz | | n° | [kg] |
| Direct supply. | | | | |
| 8 LM2T DL400① | ≤415VAC/DC | No | 10 | 0.029 |
| With resistor and diode. | | | | |
| 8 LM2T VL230④ | 230VAC | Yes 130V, 2W | 10 | 0.032 |
| With transformer⑤. | | | | |
| 8 LM2T XL110② | 110-120VAC | Yes 24V, 1.2W | 1 | 0.105 |
| 8 LM2T XL230② | 220-240VAC | Yes 24V, 1.2W | 1 | 0.103 |
| 8 LM2T XL400② | 380-415VAC | Yes 24V, 1.2W | 1 | 0.106 |
| Flashing⑥. | | | | |
| 8 LM2T FL048⑥⑦ | 24-48VAC | No | 1 | 0.046 |
| 8 LM2T FL230⑥⑦ | 110-230VAC | No | 1 | 0.046 |

Test element for lamp-holders without mounting adapter



8 LM2T T100

| Order code | Description | Qty per pkg | Wt |
|--------------------------------|------------------|-------------|-------|
| | | n° | [kg] |
| Test element for lamp-holders. | | | |
| 8 LM2T T100 | Test element ⑥⑦⑧ | 10 | 0.011 |

- ① Filament bulb, BA9s U_s≤130VAC/DC max 2.6W (not supplied); maximum dimensions 11x28 mm (0.4x1.1"). For higher voltages, use neon bulbs.
- ② Not suitable for 3-position selectors.
- ④ Filament bulb, BA9s (not supplied); maximum dimensions 11x28mm (0.4x1.1"). Suitable for AC duty only.
Use bulbs with rated voltage equal to that of the power supply.
E.g.: With LM2T FL230, use 110VAC bulbs if power supply is 110VAC and 230VAC bulbs if power supply 230VAC. 2.6W max bulb rating.
- ⑤ MultiLED bulbs must not be fitted.
- ⑥ In case of test circuits for lamp-holders having load in parallel, two LM2T T100 elements are required for each bulb.
Refer to the wiring diagram attached to the product or consult Customer Service; see contact details on inside front cover.
- ⑦ In case of neon bulbs, consult Customer Service; see contact details on inside front cover.
- ⑧ Only use with lamp-holder elements:
 - With direct supply
 - With resistor and diode
 - LED LM2T LB... and LM2T MB... types.
- ⑨ Not suitable for use with test element.

Operational characteristics

- Operating supply voltage limits for all types: -15...+10% U_e
- Any mounting position allowed
- Lamp-holder elements snap onto the adapter
- Only lamp-holder elements LM2T DL400, LM2T VL230, LM2T EL400 and LM2T ZL230 can be used with LPZ control stations
- Maximum tightening torque: 1Nm/1.57lbf
- Ambient conditions:
 - Operating temperature: -25...+60°C
 - Storage temperature: -40...+70°C
- Degree of protection per IEC/EN: IP20.

Mounting adapter

Type: 8 LM2T AU120.

The adapter is fixed on the mounting surface by means of incorporated screws (T_{max} = 0.8Nm/0.59lbf) also internally on LPZ control station covers.

Maximum conductor cross section

1 o 2 2.5mm² or AWG 12 cables.

Wiring diagrams

Direct supply

LM2T EL400
LM2T DL400



With resistor and diode

LM2T ZL230
LM2T VL230



With transformer

LM2T YL...
LM2T XL...



Flashing

LM2T GL...
LM2T FL...



Test element

LM2T T100



Certifications and compliance

Certifications obtained: RINA, LROS, GOST, 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.