

Tranilamp TMU's

● **increase life expectancy of lamps**

Running the lamp at below rated voltage increases the typical running life of a filament lamp from 4000 hours to beyond 16,000 hours. Tranilamp LED clusters offer an extended reliable life.

● **increase safety**

Lamp voltages are isolated and at low safe levels.

Standard Specification

Types

TMU - Transformer Indicator Lamp Body.

TEMU - As TMU with earthed secondary.

Standard Input Voltages

24, 110, 240V AC 50/60Hz

Surrounding Air Temperature

Maximum 50 C when operating.

Lamp

6V, 1.8W MES - Miniature Edison Screw E10

Mounting

Use JY, H or X Series housings and lenses. See Data Sheet 200. TMU's screw onto the housings.

Terminations

M3.5 cable clamps with fixed terminal covers to IP20.

Construction

Transformers are encapsulated in mouldings. ABS/Polycarbonate grey, flame retardant to UL94V0.

Tests

TMU's and TEMU's conform to BS EN 60947-5-1 CE labelled in conformance with L.V. Directive.

Weight (Body Only)

TMU - 114g, TEMU - 115g



TMU Indicator Body and Lamp
(without lens/housing)

202

Optional Extras

Operating Frequency

400Hz.

Input Voltages

440, 550V and others available on request.

Lamps

LED4 cluster lamp

LED7 cluster lamp

LEDM1 single LED lamp

See Data Sheet 201 for full list of lamps

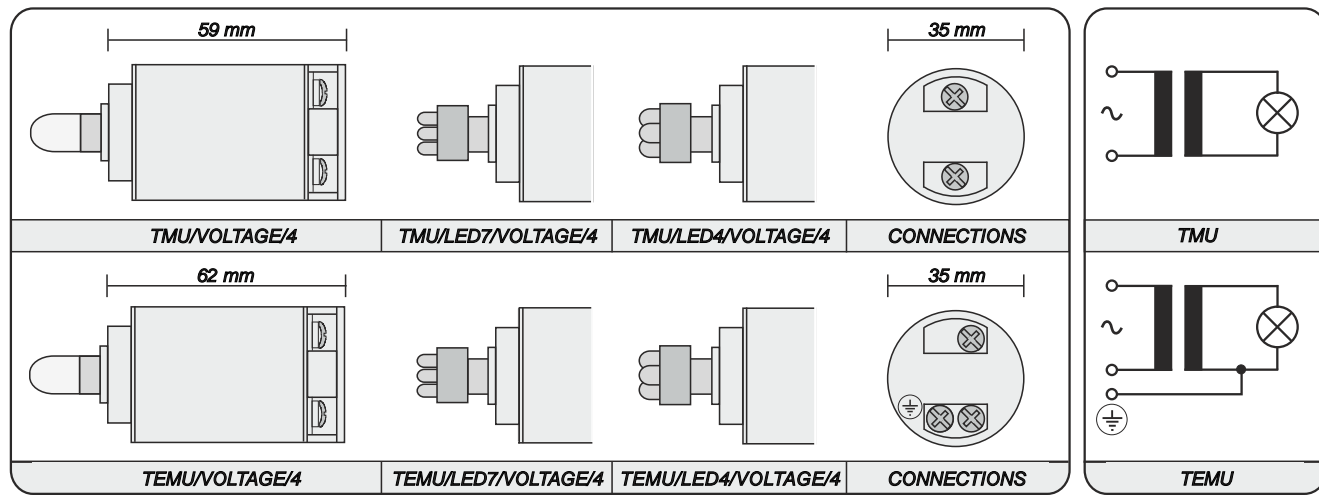
Lamp Caps

BA9s Miniature Bayonet Cap - MBC

Protection to IP65

Additional seals may be necessary for housings and lenses, see Data Sheet 200.

To find the correct Product Code for ordering, please turn to the reverse side.



How to derive the correct Product Code

Indicator Body Lamp Product Code



| | | |
|------------------|--|------|
| B O D Y | Transformer Lamp Body | TMU |
| | Transformer Lamp Body with Earthed Secondary | TEMU |

| | | | |
|------------------|-------------------------------|--------|--------|
| L A M P | Filament Lamp 6V 1.8W | | - |
| | LED7 Cluster 4.5V AC | RED | LED7R |
| | | AMBER | LED7A |
| | | GREEN | LED7G |
| | | BLUE | LED7B |
| | | WHITE | LED7W |
| | LED4 Cluster 4.5V AC | RED | LED4R |
| | | AMBER | LED4A |
| | | GREEN | LED4G |
| | | BLUE | LED4B |
| | | WHITE | LED4W |
| | LEDM1 4.5V AC single LED lamp | RED | LEDM1R |
| | | AMBER | LEDM1A |
| | | GREEN | LEDM1G |
| | | BLUE | LEDM1B |
| WHITE | | LEDM1W | |

| | | | |
|----------------|---|------|-----|
| INPUT VOLTAGES | Standard Voltages available | 24V | 24 |
| | | 110V | 110 |
| | | 240V | 240 |
| | Optional Voltages (Others on application) | 440V | 440 |
| | | 550V | 550 |

| | | |
|-----------|--|-----|
| LAMP CAPS | Standard: Miniature Edison Screw (E10) - MES | - |
| | Optional: Miniature Bayonet Cap (BA9s) - MBC | MBC |

| | | |
|--------------|--------------------------------------|---|
| TERMINATIONS | 3.5mm captive cable clamp with cover | 4 |
|--------------|--------------------------------------|---|

| | | |
|----------|------------------|---------------------------------|
| OPTIONAL | 400 Hz Operation | Specify 400Hz after Code |
|----------|------------------|---------------------------------|

Example 1
Product Code:-
TMU/LED7R/240/MBC/4

TMU lamp body
LED7 Red 4.5V AC MBC
Input: 240V AC, 50/60 Hz.

Example 2
Product Code:-
FHA/TEMU/110/4 Blue

TEMU lamp body
with earthed secondary
6V MES filament lamp
mounted on an FH housing
FA blue lens.
Input: 110V AC, 50/60 Hz.