

Multi-Lamp Test Indicators enable groups of indicator lamps to be tested from a single pushbutton switch without interrupting normal operation.

Tranilamp MTMU'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**

Isolates the Operating Line when in Test Mode. Lamp voltages are run at very low safe values.

Standard Specification

Input Voltages

24, 110, 240V. AC 50/60Hz

Ratings

Nominal current rating of MTMU's in Test Mode:

Input Voltage	24V	110V	240V
Current Rating	160mA	40mA	30mA

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. MTMU's screw onto housings.

Terminations

M3.5 cable clamps with fixed terminal covers to IP20

Construction

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

Tests

MTMU's conform to BS EN 60944-5-1

CE labelled in conformance with L.V. Directive.



MTMU Indicator Body and Lamp
(without lens/housing)

Weight (Body Only)

141 g

Optional Extras

Lamps

LED4 cluster lamp

LED7 cluster lamp

LEDM1 single LED lamp

See Data Sheet 201 for full list of lamps

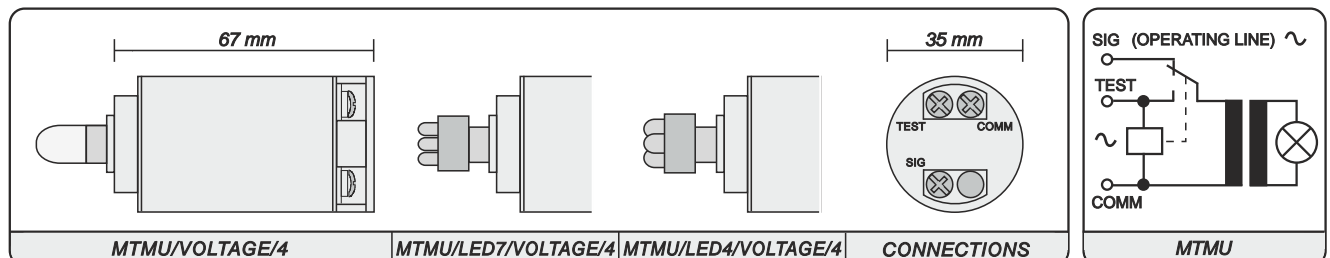
Lamp Caps

BA9s Miniature Bayonet Cap - MBC

Protection to IP65

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

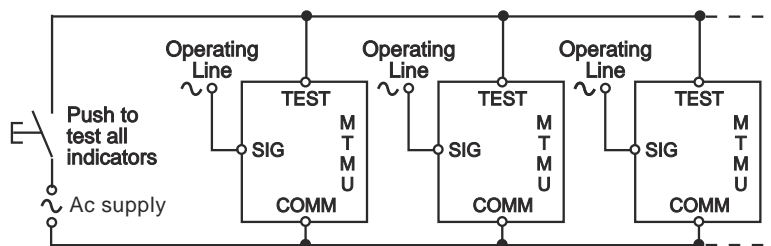
To find the correct Product Code for ordering, please turn to the reverse side.



MTMU's incorporate a single pole changeover relay to enable many units to be tested from one Test Pushbutton without interrupting normal operation.

The Control Circuit is entirely isolated from the Indicator when the Test Pushbutton is pressed, thus eliminating any feedback.

If a **3 phase** supply is used, the Test Circuit must be on the **same phase** as the Control Circuit.



MTMU

Multi-Test Transformer Indicator



Product Data Sheet 203/2 Issue 3

How to derive the correct Product Code

Indicator Body Lamp Product Code



BODY	Transformer Multi-Test Lamp Body	MTMU
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LAMP	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

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

TERMINATIONS	3.5mm captive cable clamp with cover	4
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ACCESSORIES	Lamp Remover - suitable for all lamps	LR1 (packs of 10)
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Example 1
Product Code:-
MTMU/LED7R/240/MBC/4

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

Example 2
Product Code:-
MHA/MTMU/110/4 Blue

MTMU lamp body
 6V MES filament lamp
 mounted on an MH housing
 MA blue lens.
 Input: 110V, 50/60 Hz.