

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

Tranilamp SLIC MTU's

- **increases 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. The life of Tranilamp LED clusters is in excess of 100,000 hours.

- **increases safety**

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

- **increases flexibility**

Can use with Tranilamp's extensive range of:
 Filament Lamps
 LED M1, 4 or 7 diode cluster in amber, green, red, blue or white
 JY Series panel housings to suit 19 or 22.5mm panel holes
 Pushbutton switches

- **reduces panel assembly time**

Lamp body is easy to fit and clips directly onto the housing



MTU Indicator Body and Lamp (Standard without lens/housing)

102

Standard Specification

Type

MTU -Standard SLIC Multi-Test Transformer Indicator Body.

Input Voltages

24, 110, 240V. AC supply only.

Operating Frequency

50/60 Hz as standard.

Ratings

Nominal current rating of standard MTU's in Test Mode:

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

Surrounding Air Temperature

Maximum 50 deg C when operating.

Lamps

6V, 1.8W tubular filament lamp supplied as standard.

Lamp Caps

BA9s Miniature Bayonet - MBC

Mounting

Mount to panel using JY Series housings or adaptations (see Data Sheet 100). MTU's clip onto housings and can be locked by tightening the locking ring.

Terminations

M3.5 cable clamps with fixed terminal covers to IP20

Construction

Transformers are assembled in moulded casings. (ABS/Polycarbonate black, flame retardant to UL94V0 non-drip)

Tests

MTU's conform to BS EN 60947-5-1.

All units are CE labeled in accordance with the L.V. Directive.

Optional Extras

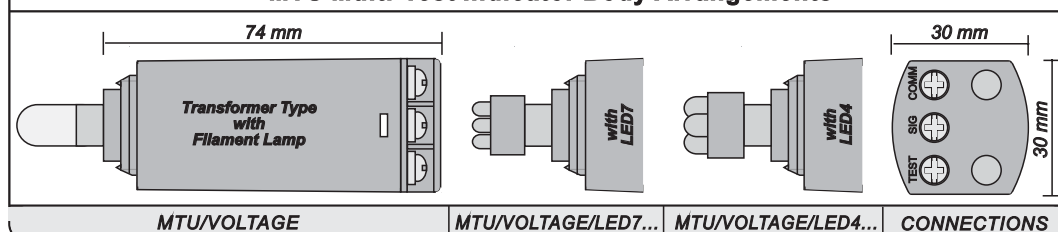
Input Voltages - Optional Voltages considered on application.

Lamps - 24, 28V tubular filament lamps. (Others available).

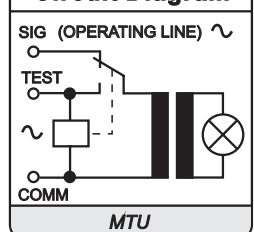
- LED4, 4 X LED cluster lamp in Amber, Green, Red, Blue or White.
- LED7, 7 X LED cluster lamp in Amber, Green, Red, Blue or White.
- LEDM1 or LEDM1F (Flashing) lamp in Amber, Green, Red, Blue or White.

Lamp Remover (LR1) - suitable for all lamps

MTU Multi-Test Indicator Body Arrangements



Circuit Diagram

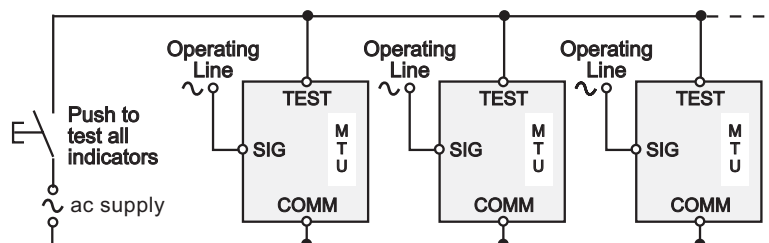


MTU Multi-Test Circuit Connection

MTU'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.

The Control Circuit must be 50/60 Hz AC.

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



**SLIC
MTU**

Multi-Lamp Test Indicator Lamps



Product Data Sheet 102/2 Issue 1

How to derive the correct Product Code

Indicator Body Lamp Product Code

Lens Housing (see Product Data Sheet 100)	Lens Colour (if applicable)
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Body Type	Input Volts	Lamp
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BODY TYPE	Standard SLIC Transformer Multi-Test Indicator Lamp Body	MTU
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INPUT VOLTAGES	Standard Voltages available	24 V	24
		110 V	110
		240 V	240

LAMPS (STANDARD VOLTAGES)	Standard Filament Lamp 6 V 1.8W		BLANK
	LED 7 Cluster 4.5 V AC [RED, AMBER, GREEN, BLUE & WHITE]	RED	LED7R 4.5AC MBC
		AMBER	LED7A 4.5AC MBC
		GREEN	LED7G 4.5AC MBC
		BLUE	LED7B 4.5AC MBC
		WHITE	LED7W 4.5AC MBC
	LED4 Cluster 4.5 V AC [RED, AMBER, GREEN, BLUE & WHITE]	RED	LED4R 4.5AC MBC
		AMBER	LED4A 4.5AC MBC
		GREEN	LED4G 4.5AC MBC
		BLUE	LED4B 4.5AC MBC
		WHITE	LED4W 4.5AC MBC
	LEDM1 4.5V AC single led lamp	RED	LEDM1R 4.5AC MBC
		AMBER	LEDM1A 4.5AC MBC
		GREEN	LEDM1G 4.5AC MBC
		BLUE	LEDM1B 4.5AC MBC
		WHITE	LEDM1W 4.5AC MBC
	LEDM1F 4.5V AC and DC single led flashing lamp	RED	LEDM1FR 4.5 MBC
		AMBER	LEDM1FA 4.5 MBC
		GREEN	LEDM1FG 4.5 MBC
		BLUE	LEDM1FB 4.5 MBC
WHITE		LEDM1FW 4.5 MBC	

OTHER OPTIONS	Non-standard lamp Voltages (Other Voltages can be considered on request)	12V	Use lamp code of Filament or LED to be used (DS 201)
		24V	
		28V	

ACCESSORIES	Lamp Remover Suitable for removing all types of lamps from SLIC bodies	LR1 (packs of 10)
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Example 1
Product Code:- MTU/240/LED7R4.5AC MBC

is a **SLIC** MTU Multi-Test Indicator Lamp body, 4.5V MBC red LED 7 lamp cluster.
Input: 240V, 50/60 Hz.

Example 2
Product Code:- MTU/110

is a **SLIC** MTU Multi-Test Indicator Lamp body only with a standard 6V, MBC filament lamp.
Input: 110V, 50/60 Hz.

Example 3
Product Code:- MYB-MTU/110/24

is a **SLIC** Multi-Test Transformer Indicator lamp with 24V MBC capped filament bulb mounted on an MP housing, suitable for a 19mm panel hole, with a blue BY lens with chrome bezel.
Input: 110V at 50/60 Hz.