

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

Tranilamp DTMU's

- offer an economic solution

Use of a simple diode blocking technique makes this multi-test indicator particularly suitable for dc

- increase flexibility

Can use with Tranilamp's extensive range of:

- Filament Lamps
- LED cluster lamps
- Panel housings and lenses
- Pushbutton switches

Standard Specification

Type

DTMU - Standard Multi-Test Low Voltage Indicator Lamp Body.

Input Voltages

6, 12, 24, 28, 50 or 60 V DC supplies.

AC voltages may be used but with reduced lamp brightness.

Test Mode Current Ratings

As Operating Mode i.e. Lamp rating.

Surrounding Air Temperature

Maximum 50 deg C when operating.

Lamps

Only supplied as Options. For LED's only DC applicable.

Lamp Caps

E10 Miniature Edison Screw - MES

Mounting

Mount to panel using JY or H Series housings and lenses (see Data Sheet 200). DTMU's screw onto housings.

Terminations

M3.5 cable clamps with fixed terminal covers to IP20

Construction

ABS/Polycarbonate grey, flame retardant to UL94V0 non-drip.

Tests

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

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

Weight (Body Only)

29 g



DTMU Indicator Body and Lamp (Lens/Housings/Lamps are Optional)

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Optional Extras

Lamps

Filament Lamps up to 60 V

LED4 - 4 x LED cluster lamp in Amber, Green, Red, Blue or White. **Must use DC** - no 4.5V for Blue or White

LED7 - 7 x LED cluster lamp in Amber, Green, Red, Blue or White. **Must use DC** - no 4.5V for Blue or White.

LEDM1 or LEDM1F (Flashing lamp) single led in Amber, Green, Red, Blue or White.

See Data Sheet 201 for a full list of lamps available.

Lamp Caps

BA9s Miniature Bayonet Cap - MBC

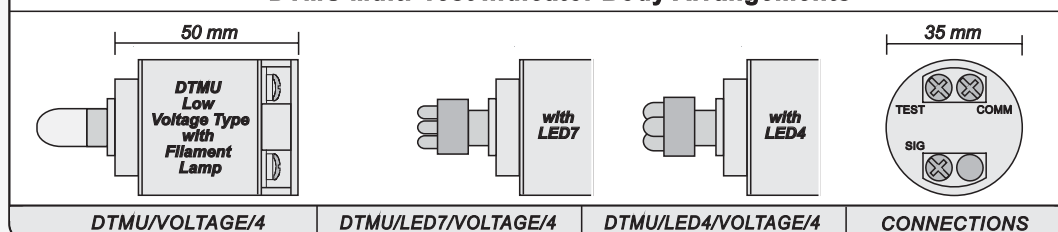
Terminal Protection

Turret or Funnel Shrouds are available to protect terminals to IP65 (see Data Sheet 214).

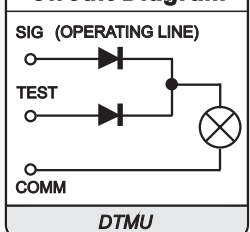
Additional seals may be necessary for housings and lenses (see Data Sheet 200).

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

DTMU Multi-Test Indicator Body Arrangements



Circuit Diagram



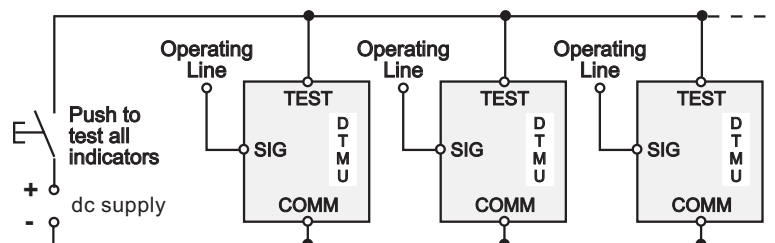
DTMU Multi-Test Circuit Connection

DTMU's incorporate blocking diodes to enable a group of units to be tested from one Test Pushbutton without interrupting normal operation.

The Control Circuit will usually be DC, but AC can be used with reduced brightness.

Please advise us if battery backup services are fitted to the supply.

LED cluster lamps must always be DC type.



DTMU

Multi-Lamp Test Indicator Lamps



Product Data Sheet 204/2 Issue 2

How to derive the correct Product Code

Indicator Body Lamp Product Code

Lens Housing
(see Product Data Sheet 200)

Body / Lamp / Input / Cap / 4
Type Type Volts Type

Lens Colour
(if applicable)

BODY	Standard Low Voltage Multi-Test Indicator Lamp Body	DTMU
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Lamps are supplied for this product only as an optional extra.
If required Lamp Voltage is specified as Input Voltage.
See data sheet 201 for full spec of lamps.

LAMP	Filament Lamp Voltage options: 6,12, 24, 28, 50, 60 V	BLANK	
	LED 7 Cluster 4.5VDC or 24 V DC NOTE: BLUE and WHITE not available at 4.5VDC	RED	LED7R
		AMBER	LED7A
		GREEN	LED7G
		BLUE	LED7B
		WHITE	LED7W
	LED4 Cluster 4.5VDC or 24 V DC NOTE: BLUE and WHITE not available at 4.5VDC	RED	LED4R
		AMBER	LED4A
		GREEN	LED4G
		BLUE	LED4B
		WHITE	LED4W
	LEDM1 4.5 V AC single led lamp	RED	LEDM1R
		AMBER	LEDM1A
		GREEN	LEDM1G
		BLUE	LEDM1B
		WHITE	LEDM1W
	LEDM1F 4.5 V AC single led flashing lamp	RED	LEDM1FR
		AMBER	LEDM1FA
		GREEN	LEDM1FG
		BLUE	LEDM1FB
WHITE		LEDM1FW	

Example 1
Product Code:-
DTMU/LED7A/24/MBC/4

is a Standard DTMU Multi-Test Indicator Lamp body, amber LED 7 lamp cluster with MBC cap and standard screw terminals.
Input: 24V DC.

Example 2
Product Code:-
FHA/DTMU/MES/4 Red

is a Standard DTMU Multi-Test Indicator lamp with no lamp supplied, but fitted with MES lamp holder and

INPUT VOLTAGES (Identical to Lamp Voltage)	No Lamp fitted		BLANK
	Filament Lamp suitable Voltages (DC Supply preferred. If AC Supply used lamp operates at reduced brightness)	6 V	6
		12 V	12
		24 V	24
		28 V	28
		50 V	50
	60 V	60	
LED7 or LED4 Clusters (DC) Not 4.5VDC for blue and white	4.5 V DC	4.5	
	24 V DC	24	

LAMP CAPS	Standard Mini-Screw - MES (with lamp fitted)	BLANK
	Standard Mini-Screw - MES (no lamp fitted)	MES
	Optional Mini-Bayonet - MBC	MBC

TERMINATIONS	Standard 3.5mm captive cable clamp with cover. (No Alternatives)	4
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OTHER OPTIONS	IP65 Protection - Funnel or Turret Shrouds protect Body Terminals	Specify after Code (see Data Sheet 214)
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