Indicator lamp body units for use with DC Supplies only.

Tranilamp IRMU's & RMU's

- *provide a safe solution*

  DC Voltages can be directly connected to the unit. In the event of a lamp failure these indicators limit the degree of potential overload on devices within the power supply.

- *enable a choice of lamps*

  Can use with a selection of Tranilamp's range of:
  - Filament lamps
  - LED cluster lamps

Standard Specification

Types
IRMU - with internal resistor (2W or less).
RMU - with external resistor (greater than 2W) .
Type used is determined by Supply Voltage, Lamp Voltage and Lamp type selected.

Input Voltages
24,50,110V DC. Other voltages on application.

Surrounding Air Temperature
Maximum 50 C when operating.

Lamps
Select from Lamp list on page 2.

Lamp Cap
E10 Miniature Edison Screw - MES

Mounting
Use JY, H or X Series housings and lenses
See Data Sheet 200. IRMU's & RMU's screw onto housings.

Terminations
M3.5 cable clamps with fixed terminal covers to IP20 on IRMU's. RMU terminals are uncovered.

Construction
ABS/Polycarbonate, flame retardant UL94VO non drip

IRMU Indicator Body and Lamp

Lens/Housings are optional

RMU with external resistor

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

Weight (Body Only)
IRMU - 33g
RMU - 37g

Optional Extras

Lamp Caps
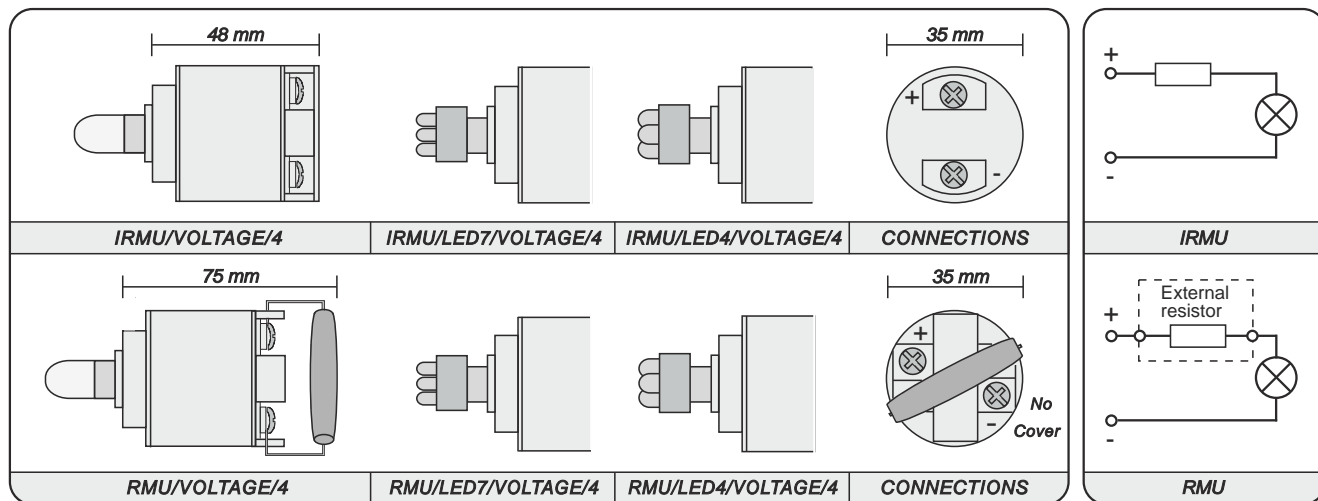BA9s Miniature Bayonet Cap - MBC

Terminal Protection
Shrouds cannot be fitted to RMU's.

Protection to IP65
Additional seals may be necessary for housings and lenses. See Data Sheet 200.

48 mm			35 mm	
IRMU/VOLTAGE/4	IRMU/LED7/VOLTAGE/4	IRMU/LED4/VOLTAGE/4	CONNECTIONS	IRMU
75 mm			35 mm	External resistor
RMU/VOLTAGE/4	RMU/LED7/VOLTAGE/4	RMU/LED4/VOLTAGE/4	CONNECTIONS	RMU

How to derive the correct Product Code

Indicator Body Lamp Product Code

Lens Housing (See Product Data Sheet 200)	/	Body Type	/	Lamp Type	/	DC Supply	/	Cap Type	/ 4	Lens Colour (If applicable)

BODY

Internal Resistor Lamp Body (Resistor below 2W)	IRMU
External Resistor Lamp Body (Resistor above 2W)	RMU

LAMP

Filament Lamp		-
LED7 Cluster	RED	LED7R
	AMBER	LED7A
	GREEN	LED7G
	BLUE	LED7B
	WHITE	LED7W
LED4 Cluster	RED	LED4R
	AMBER	LED4A
	GREEN	LED4G
	BLUE	LED4B
	WHITE	LED4W
LEDM1 Single LED lamp	RED	LEDM1R
	AMBER	LEDM1A
	GREEN	LEDM1G
	BLUE	LEDM1B
	WHITE	LEDM1W

Many combinations of input and lamp voltages exist for this product.

The IRMU with the internal resistor is limited to a maximum heat dissipation of 2W. Above that the RMU has to be used.

Where possible, the IRMU will always be supplied in preference.

From the tables, first select the type of lamp needed, then the DC supply (input) voltage. If LEDs are required, a colour will also have to be selected.

INPUT VOLTAGES

Standard Voltages available	24V	24
	50V	50
	110V	110

LAMP CAPS

Miniature Edison Screw (E10) - MES	-
Miniature Bayonet Cap (BA9s) - MBC	MBC

TERMINATIONS

IRMU - 3.5mm captive cable clamp with cover	4
RMU - 3.5mm captive cable clamp with no cover	

Example 1
Product Code:- IRMU/LED4A/110/MBC/4

IRMU Indicator Lamp body
LED4 Amber 24DC 20mA MBC
Supply: 110V DC.

Example 2
Product Code:- FHA/RMU/50/4 White

RMU Indicator lamp body
24V 50mA MES filament lamp
mounted on an FH housing
FA white lens.
Supply: 50V DC.