

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. A resistor steps down the voltage to enable standard low voltage lamps to be fitted safely.
- **enable a choice of lamps**
Can use with a selection of Tranilamp's range of:
Filament lamps
LED cluster lamps
- **give a wide choice of housings/lenses**
Compatible with Tranilamp's extensive range of housings and lenses.

Standard Specification

Type

IRMU - Standard DC Supply Indicator Lamp Body with internal resistor (2W or less).

RMU - Standard DC Supply Indicator Lamp Body with external resistor (greater than 2W).

Type used is determined by Supply Voltage and Lamp Voltage selected.

Input Voltages

24,50,110,130 V DC. Other voltages considered.

Maximum Voltage: 440 V DC

Surrounding Air Temperature

Maximum 50 deg C when operating.

Lamps

Select from Lamp list on page 2.

Lamp fitted is printed on Part label.

Lamp Caps

E10 Miniature Edison Screw - MES

Mounting

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

Terminations

M3.5 cable clamps with fixed terminal covers to IP20 on IRMU's.

RMU terminals are uncovered.



IRMU Indicator Body and Lamp



RMU with external resistor

Construction

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

Tests

IRMU's and RMU's conform to BS EN 60947-5-1.

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

Weight (Body Only)

IRMU - 33g

RMU - 37g

Optional Extras

Lamp Caps

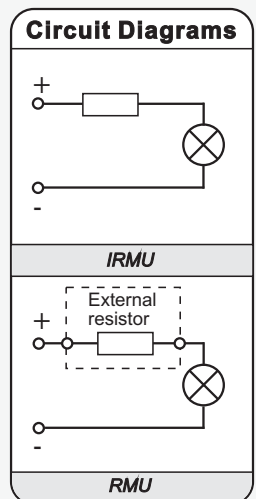
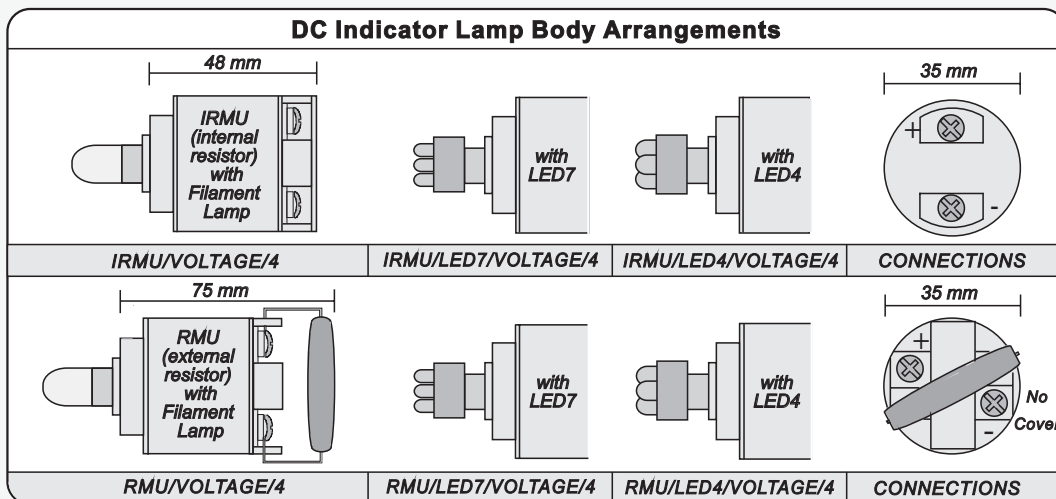
BA9s Miniature Bayonet Cap - MBC

Terminal Protection

Turret or Funnel Shrouds are available for IRMU's to protect terminals to IP65 (see Data Sheet 214). Shrouds cannot be fitted to RMU's.

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.



IRMU RMU

Indicator Lamps for DC Supplies



Product Data Sheet 207/2 Issue 2

How to derive the correct Product Code

Indicator Body Lamp Product Code

Lens Housing
(see Product Data Sheet 200)

Body / Lamp Type / LED Colour / DC Supply / Cap / 4

Lens Colour
(if applicable)

BODY TYPE	DC Supply Indicator Lamp Body with built-in resistor. (See note below)	IRMU
	DC Supply Indicator Lamp Body with external resistor. (See note below)	RMU

Many combinations of input and lamp voltages exist for this product. Listed adjacently are some of those most commonly in demand. 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. Please contact our Technical Sales Dept for further help.

LAMP TYPE	DC Supply	LED Colour	DC Supply	Cap	4
FILAMENT	50V	BLANK	BLANK	50	
	110V			110	
7 LED CLUSTER	12V	LED7		12	
	24V		24		
	30V		30		
	50V		50		
	110V		110		
4 LED CLUSTER	12V	LED4		12	
	24V		24		
	30V		30		
	50V		50		
	110V		110		

LED CLUSTER COLOURS	Code
Red	R
Amber	A
Green	G
Blue	B
White	W

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

TERMINATIONS	IRMU	Standard 3.5mm captive cable clamps with cover.	4
	RMU	Standard 3.5mm captive cable clamps with no cover.	

OTHER OPTIONS	IRMU Only	IP65 Protection - Funnel of Turret Shrouds protect Body Terminals	Specify after Code (See Product Data Sheet 214)
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Example 1

Product Code:- IRMU/LED4A/110/MBC/4
is a Standard IRMU Indicator Lamp body, amber LED 4 lamp cluster with MBC cap and standard screw terminals.
Supply: 110VDC.

Example 2

Product Code:- FHA/RMU/50/4 White
is a Standard RMU Indicator lamp body with an MES capped filament lamp and standard screw terminals mounted on an FH housing with a white FA lens.
Supply: 50V DC.