

Indicator lamp body units for DC Supplies only.

### Using Tranilamp SLIC IRU's

- **provides 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. The resistor has a maximum of 2W heat dissipation.

- **enables choice of lamps**

Can use with a selection of Tranilamp's range of:  
Filament Lamps  
LED4, LED7 or LEDM1 cluster lamps in  
amber, green, red, blue or white

- **gives a wide selection of housings/lenses**

A choice of JY Series panel housings or adaptations to suit 19 or 22.5 mm panel holes..

- **reduces panel assembly time**

Lamp body easy to fit, clipping directly onto housing.

### Standard Specification

#### Type

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

#### Input Voltages

24, 50, 110, 130V DC. Other voltages can be considered with maximum internal heat dissipation 2W

#### Surrounding Air Temperature

Maximum 50 deg C when operating.

#### Lamps

Selected from 106/2 to minimise heat dissipation.

Lamp fitted is printed on Part Label.

#### Lamp Caps

BA9s Miniature Bayonet only - MBC

#### Mounting

Mount to panel using JY Series housings or adaptations (see Data Sheet 100). IRU'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

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

#### Tests

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

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

#### Weight (Body Only)

15 g

### Optional Extras

**Lamp Remover (LR1)** - suitable for all lamps.

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IRU Indicator Body with Filament Lamp



IRU Indicator Body with 7 LED Cluster

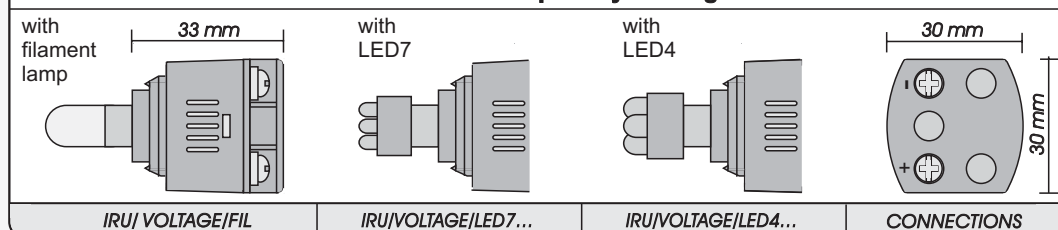
IRU Indicator Body with 4 LED Cluster



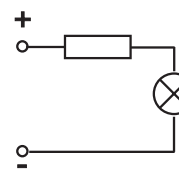
(For Lenses/Housings see Data Sheet 100)

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

### IRU DC Indicator Lamp Body Arrangements



### Circuit Diagram



IRU

**SLIC  
IRU**

# Indicator Lamps for DC Supplies



Product Data Sheet 106/2 Issue 1

## How to derive the correct Product Code

### Indicator Body Lamp Product Code



<b>BODY TYPE</b>	<b>SLIC DC Supply Indicator Lamp Body with built-in resistor.</b>	<b>IRU</b>
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Many combinations of input and lamp voltages exist for this product. Listed below are some of those most commonly in demand. The main limitation is the heat dissipated from the in-built resistor (Maximum - 2W). Please contact our Technical Sales Dept for any other requirement.  
From the tables below, 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.

LAMP TYPE	DC Supply	Body / Type	Lamp Type	LED Colour	DC Supply
FILAMENT	50V	BLANK	BLANK		50
	110V				110
7 LED CLUSTER	12V*	LED7			12
	24V*				24
	30V				30
	50V				50
	110V				110
	110V				110
4 LED CLUSTER	12V*	LED4			12
	24V*				24
	30V				30
	50V				50
	110V				110
SINGLE LED LAMP	12V*	LEDM1			12
	24V*				24
	30V				30
	50V				50
	110V				110

LED CLUSTER COLOURS	* Blue and White LEDs are not available with 12V DC and 24V DC	Red	R
		Amber	A
		Green	G
		Blue	B
		White	W

<b>ACCESSORIES</b>	Lamp Remover suitable for removing all types of lamps from <b>SLIC</b> bodies	<b>LR1</b> (packs of 10)
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**Example 1**  
Product Code:-IRU/LED7A/24

is a Standard **SLIC** IRU DC Indicator Lamp body, amber LED 7 lamp cluster with MBC cap and standard screw terminals.  
Input: 24V DC.

**Example 2**  
Product Code:- FKYB-IRU/110

is a Standard **SLIC** IRU DC Indicator lamp body with filament lamp supplied mounted on an FP housing with a blue BKY lens with black bezel.  
Input: 110V DC