

Direct Voltage indicators enable filament, led or neon lamps to be connected directly to the Supply Voltage over a limited voltage range.

Using Tranilamp SLIC LU's

- **offer an economic solution**

The low cost way to accommodate many control circuit supplies, both AC and DC (not neons), if isolation is not required.

- **increase flexibility**

Can use with Tranilamp's extensive range of:
 Filament Lamps
 LED4 or 7 cluster lamps in amber, green, red, blue or white
 JY Series panel housings or adaptations to suit 19 or 22.5mm panel holes.

- **reduces panel assembly time**

Lamp body easy to fit clipping directly onto housing.

Standard Specification

Type

LU - Standard SLIC Direct Voltage Indicator Lamp Body.

Input Voltages

Same as and determined by the supply voltage.
 Suitable for AC and DC supplies.
 Maximum Voltage: 240V

Surrounding Air Temperature

Maximum 50 deg C when operating.

Lamps

Supplied only as Optional Extras.

Select from the Optional Extra Lamp List opposite and obtain the codes from the Product Code selector overleaf or from the list on Data Sheet 201.

Lamp Caps

BA9s Miniature Bayonet only accommodated on this unit - MBC

Mounting

Mount to panel using JY Series housings or adaptations (see Data Sheet 100). DTU's clip onto housings and can be locked by tightening the locking ring. Suitable for 19mm or 22.5mm panel holes

Terminations

M3.5 cable clamps with fixed terminal covers to IP20



LU Indicator Body
 (Lens/Housings/Lamps are Optional)

Construction

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

Tests

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

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

Weight (Body Only)

13 g

Optional Extras

Lamps

Filament Lamps up to 60 V

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 - single led lamp in Amber, Green, Red, Blue or White.

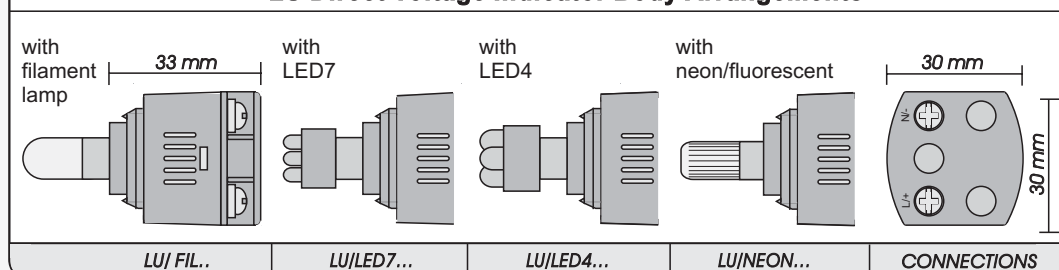
LEDM1F - single led flashing lamp in Amber, Green, Blue or White.

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

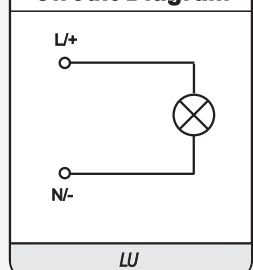
Lamp Remover (LR1) - suitable for all lamps.

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

LU Direct Voltage Indicator Body Arrangements



Circuit Diagram



**SLIC
LU**

Direct Voltage Indicator Lamps



Product Data Sheet 104/2 Issue 1

How to derive the correct Product Code

Indicator Body Lamp Product Code



BODY TYPE	Standard SLIC Low Voltage Multi-Test Indicator Lamp Body	LU
LAMPS for LUs are extra. (Supply volts = lamp volts) The full lamp product code should be used, when required.		

No Lamp fitted	Lamp Product Code	BLANK
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FILAMENT LAMPS (AC or DC)	Filament Lamp	FIL
	Lamp Voltage (Also supply voltage)	6V
		12V
		24V
		28V
		50V
		60V
	Must use polycarbonate lens	130V
	Lamp Cap - must be Miniature Bayonet	MBC

LED CLUSTERS	LED Cluster - 7 diodes	LED7	
	LED Cluster - 4 diodes	LED4	
	Single LED Lamp	LEDM1	
	Single LED Flashing lamp	LEDM1F	
	Colours	Red	R
		Amber	A
		Green	G
		Blue	B
		White	W
	Lamp Voltage (as supply voltage) * 4.5Vdc not available in blue or white	4.5V AC	4.5AC
24V AC		24AC	
110V AC		110AC	
4.5V DC*		4.5DC	
24V DC		24DC	
	Lamp Cap - must be Miniature Bayonet	MBC	

NEONS/FLUORESCENTS	Neon - natural (orange)	NB2R	
	Fluorescent - green	NG2R	
	Fluorescent - blue	NW2R	
	Lamp Voltage (must be supply voltage) (AC only)	110V AC	110V
		240V AC	240V
	Lamp Cap - must be Miniature Bayonet	MBC	

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:- **LU/LED7B 110AC MES**

is a Standard **SLIC** LU Direct Voltage Indicator Lamp body, blue LED 7 lamp cluster with MES cap and standard screw terminals. Input: 110V AC.

Example 2
Product Code:- **FKYR-LU**

is a Standard **SLIC** LU Direct Voltage Indicator lamp with no lamp supplied mounted on an FP housing with a red BKY lens with black bezel. Input: Unspecified.