



## BARREL TYPE LED INDICATING LAMPS

22.5mm Rass Integrated LED Pilot Lamps have aesthetic compact, rigid construction design to ensure reliable trouble free performance conforming to IEC 947-5. It has Low Voltage Glow Protection feature to assure proper indication even in the case of 20% of rated voltage presence in the circuit.








### Features

- Single chip LED for consistent glow intensity
- Service life 100,000 hours
- Low voltage glow protection (LVGP)
- Polarity marking on terminal cover
- Choice of 7 colours

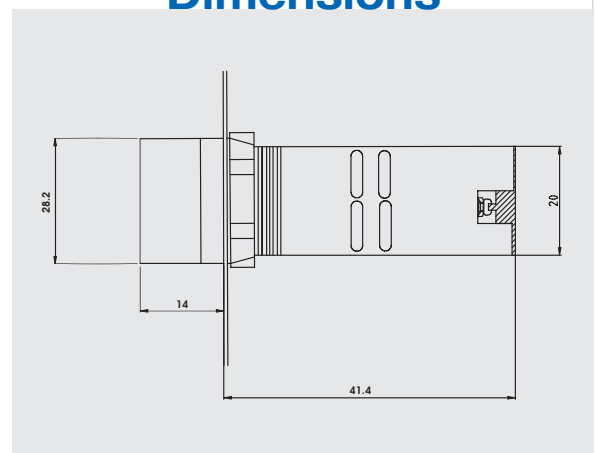
# Specification Of Barrel Type LED

|   |  |                |
|---|--|----------------|
| Standards   | IEC 947-5  |                |
| Voltage   | 12V, 24V, 48V AC/DC, 110V, 240V AC 110V, 220V DC,      |                |
| Current consumption (mA)                                  |  |                |
| 12V, 24V, 48V AC/DC                                       | 25 mA (max)  |                |
| 110V, 240V AC   | 17 mA (max)  |                |
| 110V DC   | 12 mA( max)  |                |
| 220V DC   | 08 mA (max)  |                |
| Service Life (at nominal voltage, ambient temp. of 25° C) | 100,000 Hours  |                |
| Operating Voltage Limits                                  | < 20% of rated voltage >                               |                |
| Low Voltage Glow Protection (LVGP)                        | 20% of the rated voltage                               |                |
| Service Temperature                                       | Storage  | -25°C to +70°C |
|   | Operation  | -25°C to +55°C |
| Power consumption at nominal voltage (W)                  |  |                |
| 12V, 24V, 48V AC/DC                                       | 0.50 W   |                |
| 110V AC   | 1.25 W   |                |
| 240V AC   | 3.80 W   |                |
| 110V DC   | 1.25 W   |                |
| 220V DC   | 1.45 W   |                |
| Dielectric Strength                                       | 2.5kV for 1 minute                                     |                |
| Ingress protection  | IP 30 for terminals, IP 65 (Top surface of indicators) |                |
| Terminal capacity   | Screw Clamp Terminals                                  |                |
|   | Min: 1 x 0.5 Sqmm                                      |                |
|   | Max: 2 x 1.5 Sqmm, 1 x 2.5 Sqmm                        |                |

## Product Selection

| Description  | Reference   | Colour |   |
|--|-------------|--------|---|
| <b>Integrated LED Indicating lights, Lamps suitable for 110V, 240V AC 110V, 220V DC 48V, 24V, 12V AC / DC circuits</b> | RCB7-IVL-71 | White  |  |
|  | RCB7-IVL-73 | Green  |  |
|  | RCB7-IVL-74 | Red    |  |
|  | RCB7-IVL-75 | Amber  |  |
|  | RCB7-IVL-76 | Blue   |  |
|  | RCB7-IVL-77 | Clear  |  |
|  | RCB7-IVL-78 | Yellow |  |

## Dimensions



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