

FEATURES

- 5 mm high contrast coloured diffused epoxy lens
- Maximum panel thickness 7 mm
- Solder lug/faston terminals
- Sealed to IP67
- Flush bright chrome bezel

RS PRO Red Indicator, 220 V ac, 8mm Mounting Hole Size, Solder Tab Termination, IP67

RS Stock No.: 700-1693



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you by RS Pro, these indicators provide an excellent solution for warning and attention signals within relevant applications. With three colours available, red, yellow and green. A type of traffic light system can be applied to circuit boards or electrical designs in regards to operation or safety. Each LED indicator is rated at IP67, this means it will have great protection and be fully operational within indoor and outdoor applications. All models are highly reliable and excellent quality.

General Specifications

Light Output Colour	Red
Lamp Type	LED
Termination Type	Solder Tab
Type	Panel Mount
Bezel Style	Flush
Bezel Colour	Chrome
Intensity	10mcd
Type Of Illumination	Fixed Light
LED Colour	Red
Viewing Angle	30-100°
Life Expectancy	100000hours
Applications	Fixed to PCB circuit boards mounted; Switches; Pushbuttons; Used as vehicle indicators

Electrical Specifications

Voltage Rating	220V ac
Current Rating	20mA
Voltage Tolerance	10%

Mechanical Specifications

Mounting Hole Size	8mm
Length	33.9mm
Torque	20cNm to 25cNm
Lamp Size	5mm

Operation Environment Specifications

Temperature Rating	-40°C to 85°C
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Protection Category

IP Rating	IP67
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Approvals

Compliance/Certifications	UL
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TECHNICAL SPECIFICATIONS		
Voltage	Operating Voltage (Min to Max)	Operating Current (Typical All Types)
02 (No Resistor)	1.8 to 3.3VDC	20mA max*
6VDC	5.4 to 6.6VDC	20mA
12VDC	10.8 to 13.2VDC	20mA
24VDC	21.6 to 26.4VDC	20mA
28VDC	25.2 to 30.8VDC	20mA
110VAC	99 to 121VAC	6mA
220VAC	207 to 253VAC	3mA

Max Reverse Voltage: 5V

Viewing Angle: 30–100° (dependant on model)

Life Expectancy: 100,000 hours

Temperature Range: –40 to +85°C (operating & storage)

Torque: 20 to 25cNm

PANEL CUTOUT

MB x 0,75 THREAD

Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	80mcd	8mcd	2.0V
Green	60mcd	6mcd	2.2V
Yellow	50mcd	6mcd	2.1V
Blue	1600mcd	50mcd	3.3V
White	1600mcd	500mcd	3.3V
Orange	60mcd	110mcd	2.2V
Bi-color (Typical) (Red/Green)	14/30mcd	15/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	60/15/13mcd	15/10/6mcd	2.0V/2.2V/2.1V

Bi-color - The color is changed by reversing the polarity of the supply voltage.

Tri-color - The indicator has red and green LEDs, when both connected yellow is produced.

Super Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	5,000mcd	1,300mcd	2.2V
Green	10,000mcd	1,200mcd	3.3V
Yellow	4,000mcd	350mcd	2.0V
Blue	2,200mcd	280mcd	3.3V
White	2,500mcd	950mcd	3.3V
Orange	4,000mcd	500mcd	2.2V

Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	6,000mcd	980mcd	2.2V
Green	1,900mcd	300mcd	3.3V
Yellow	1,600mcd	250mcd	2.0V
Orange	2,400mcd	110mcd	2.2V

Luminous intensity will be reduced with lower operating current.

FLUSH BEZEL

