

Product Technical Datasheet



22.5mm Pro Led Indicator Clear

MAIN

Range of product	PRO LED INDICATOR CLEAR
Device short name	22 mm Pro Indicator
Product or component type	Pilot light
Mounting diameter	22.5 mm
Shape of Signaling unit head	Round
Cap/operator or lens colour	CHECK TABLE ON PAGE 5
Light source	LED
Bulb base	SMD LED, Cluster type
[Us] rated supply voltage	CHECK TABLE ON PAGE 5

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

ELECTRICAL

[Ui] rated insulation voltage	500 VDC
[Uimp] rated impulse withstand voltage	2 kA
Signaling type	Steady
Supply voltage limits	-20% to +10% of rated voltage
Input Current @ 240V AC	10mA - 20mA (Red, Yellow, Amber)
	20mA - 30mA (Green, Blue, White)
Input Current @ 110V AC	05mA - 15mA (Red, Yellow)
	10mA - 20mA (Green, Blue, White, Amber)
Input Current @ 415V AC	10mA - 20mA (Red, Yellow, Amber)
	20mA - 30mA (Green, Blue, White)
Input Current @ 290V AC	05mA - 15mA (Red, Yellow, Amber)
	15mA - 25mA (Green, Blue, White)
Input Current @ 12V AC/DC, 24V AC/DC	05mA - 15mA (Red, Yellow, Amber)
	15mA - 25mA (Green, Blue, White)
Input Current @ 30V AC/DC, 48V AC/DC, 64V AC/DC	05mA - 15mA (Red, Yellow, Amber)
	10mA - 20mA (Green, Blue, White)
Input Current @ 110V DC/127V DC	05mA - 15mA (Red, Yellow, Amber)
	10mA - 20mA (Green, Blue, White)
Input Current @ 220VDC/250V DC	04mA - 10mA (Red, Yellow, Amber. Green, Blue, White)

Power consumption	< 2.5 W
-------------------	---------

Over voltage category	Class III
-----------------------	-----------

Service life	50000 Hours *
--------------	---------------

MECHANICAL

Dimension	CHECK ON PAGE 5
-----------	-----------------

Terminals description	(X1-X2) PL
-----------------------	------------

Net weight	0.02 kg
------------	---------

Device mounting	diameter: 22.5 mm Fixing hole
-----------------	-------------------------------

Panel Thickness	1 mm - 6 mm
-----------------	-------------

Fixing mode	Locking Nut Beneath Illuminating head 0.5 Nm
-------------	--

Tightening torque	≤0.9 Nm
-------------------	---------

Connections - terminals	Min 0.5 mm ² 1.5 mm ² to 2.5 mm ² Screw and nut
-------------------------	--

Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
---------------------	---

ENVIRONMENT

Ambient air temperature for storage	-30°C to 70°C
-------------------------------------	---------------

Ambient air temperature for operation	-25°C to 65°C
---------------------------------------	---------------

CONTRACTUAL WARRANTY

Warranty	50000 Hrs.* at normal operating voltage and ambient temp 30°C & Against manufacturing defects
----------	--

*	at normal operating voltage and ambient temp 30°C
---	---

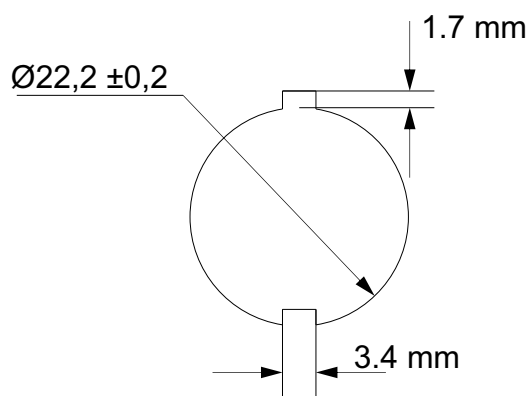
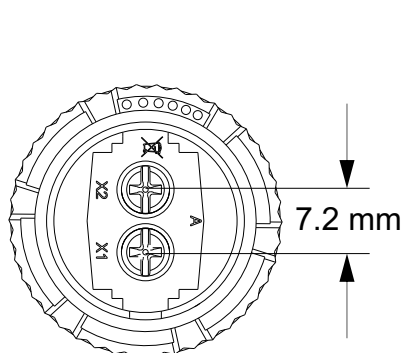
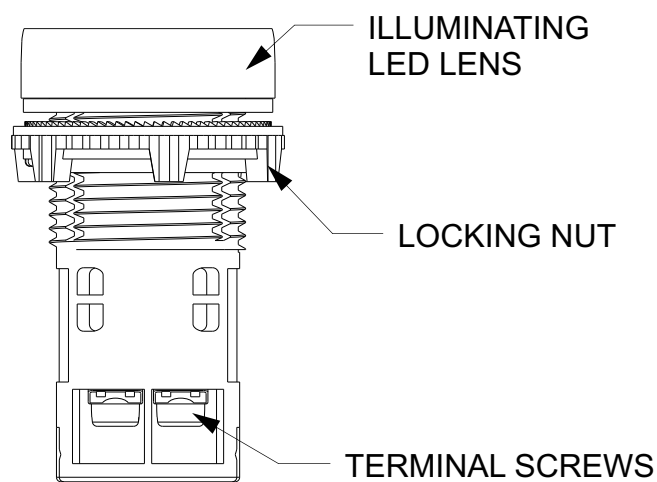
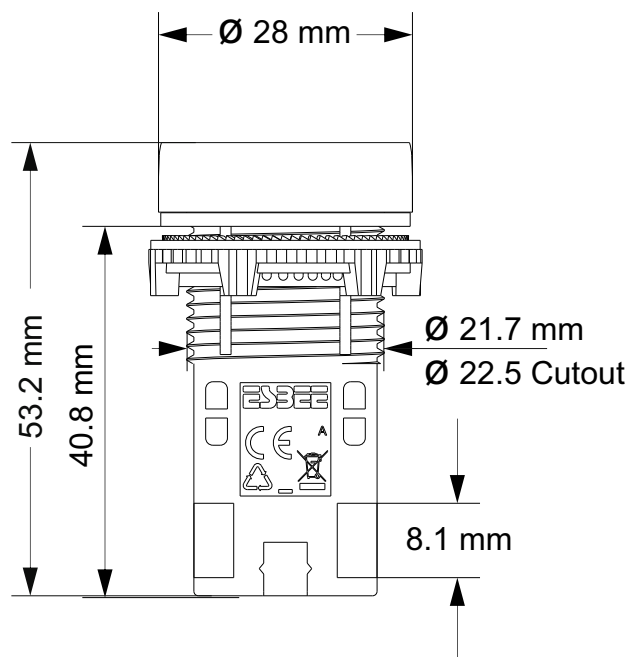
STANDARDS AND COMPLIANCE

IP degree of protection	IP20 (rear face) IEC - 60529 IP65 (front face) IEC - 60529 & IP 66 as per Customer Request
-------------------------	---

Standards	CE
-----------	----

RoHS	Complied
------	----------

TECHNICAL DRAWING



Panel cutout

PRODUCT VARIETY

VOLTAGE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
COLOUR	RED	GREEN	BLUE	YELLOW	AMBER	CLEAR
12V AC/DC	ECLR012C	ECLG012C	ECLB012C	ECLY012C	ECLA012C	ECLC012C
24V AC/DC	ECLR024C	ECLG024C	ECLB024C	ECLY024C	ECLA024C	ECLC024C
30V AC/DC	ECLR030C	ECLG030C	ECLB030C	ECLY030C	ECLA030C	ECLC030C
48V AC/DC	ECLR048C	ECLG048C	ECLB048C	ECLY048C	ECLA048C	ECLC048C
64V AC/DC	ECLR064C	ECLG064C	ECLB064C	ECLY064C	ECLA064C	ECLC064C
110V AC	ECLR110A	ECLG110A	ECLB110A	ECLY110A	ECLA110A	ECLC110A
110V DC	ECLR110D	ECLG110D	ECLB110D	ECLY110D	ECLA110D	ECLC110D
240V AC	ECLR240A	ECLG240A	ECLB240A	ECLY240A	ECLA240A	ECLC240A
220V DC	ECLR220D	ECLG220D	ECLB220D	ECLY220D	ECLA220D	ECLC220D
415V AC	ECLR415A	ECLG415A	ECLB415A	ECLY415A	ECLA415A	ECLC415A

PRODUCT VARIANTS VISUAL RECRESENTATION

