

PRODUCT DATA SHEET

Specifications



Voltage Indicator (240V AC)

ELECTRICAL

Rated Supply Voltage	240 VAC
Operating Supply Voltage	80-270 VAC
Input Current	< 40 mA
Input Wattage	<1W
Indicating Voltage	80 VC - 270 VDC
Tolerance Scope / Accuracy @ ideal condition (1st harmonics)	+/-1%
Tolerance Scope / Accuracy @ 5th harmonics condition	+/-5%
Surge Test	2 KV AS PER IEC 61000-4-5
HV Rating	2 KV AS PER IEC 60243
Rated Insulation Voltage at Resistance	500 V AC @ 1MΩ
Display Type	7 Segment 3 digit (The indicator unit 'V' illuminates when the digital indicator detects the presence of operating voltage or respective 'Hz' for frequency)
Electrical Life	20K Hrs under normal operating condition

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.

MECHANICAL

Dimensions	See Technical Drawing on page - 04
Weight	25 g
Panel Cut-out	Ø 22.5 mm
Degree of Protection	Above Panel: IP65 For Terminals: IP20
Mounting Details	Mounting on Panel, 22.5 Dia Hole
Connectors	2 Pin - screw terminal (<0.75 to 1 sq. mm wire)
Screw Tightening Torque	0.8Nm

AESTHETICAL

Housing Colour	Black
Illuminating lens colour	Red/Yellow/Blue/Green/Amber/Clear

ENVIRONMENTAL REQUIREMENTS

Operating temperature	-20°C TO 60°C
Storage temperature	-30°C TO 65°C
Air humidity	10% - 85%

ECOLOGICAL REQUIREMENTS

RoHS	Comply
------	--------

APPLICATIONS

Industrial	Panel application, Renewable energy, Medical equipment, Data Centres, Railways: Stable power monitoring
Automobile	Automation Panel
Elevator	Pit inspection application
Appliances	Line voltage indicator (MCB)

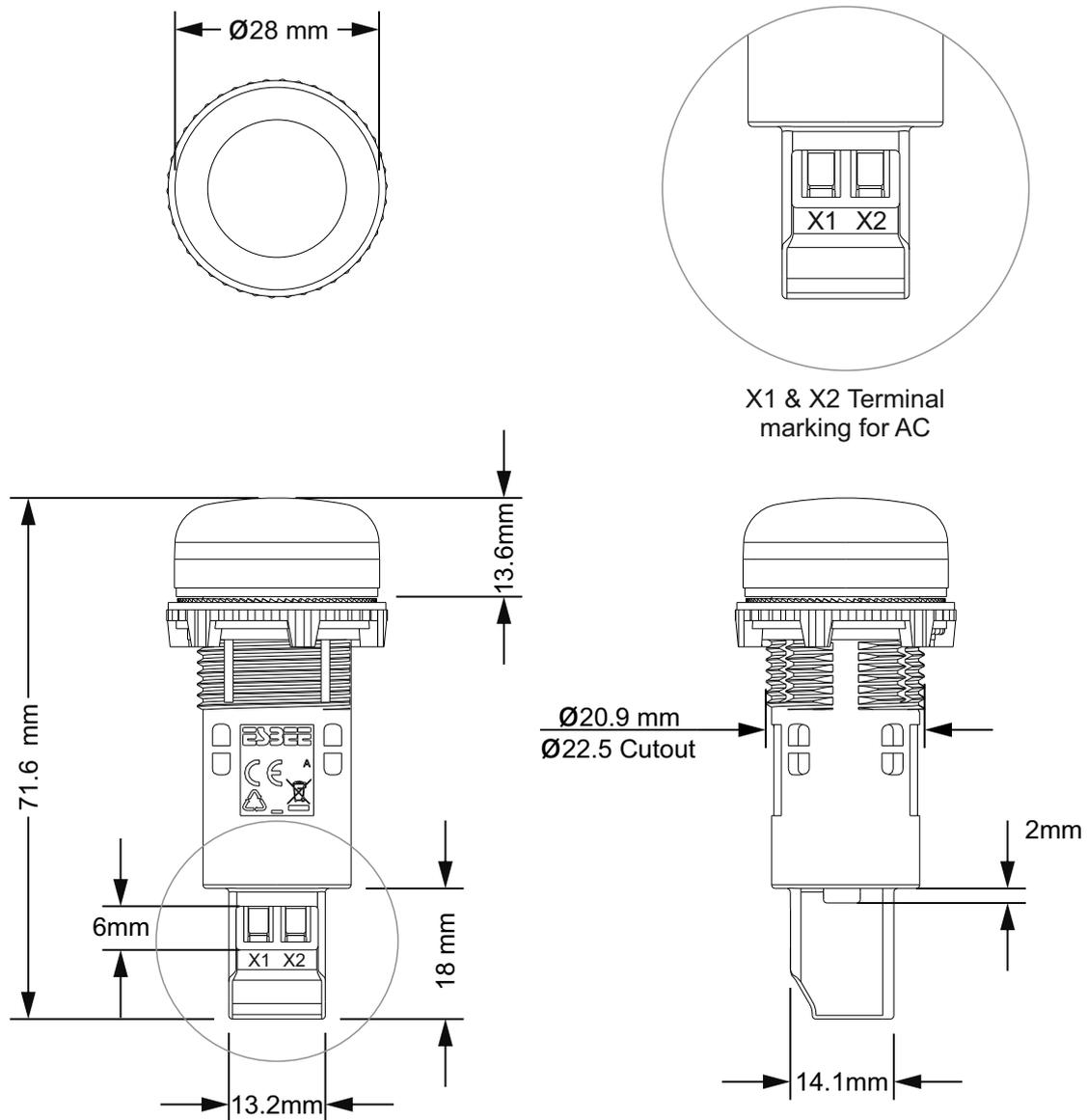
Features

Safety Assurance	Live Voltage Detection: Alerts technicians to the presence of voltage before they begin maintenance, reducing the risk of electric shock.
Troubleshooting & Diagnostics	Quick Fault Identification: Enables fast identification of voltage presence or absence, aiding in pinpointing faults.
Panel Design Optimization	Compact Integration: 22.5mm voltage indicators are compact and easy to integrate into control panels without taking up much space.
Preventive Maintenance	Early Warning: Helps detect abnormal voltage conditions before they escalate into major issues.

STANDARD COMPLIANCE SPECIFICATION

CE	Comply
UL	Under process
Vibration	4G

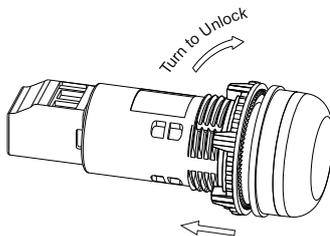
TECHNICAL DRAWING



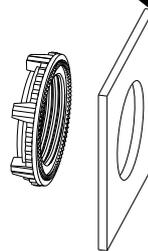
PRODUCT MOUNTING INSTRUCTION MANUAL

STEP 01

TURN THE LOCKING NUT
IN AN ANTI-CLOCKWISE DIRECTION

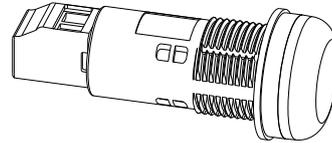


Panel Mount with
22.5 mm Cutout

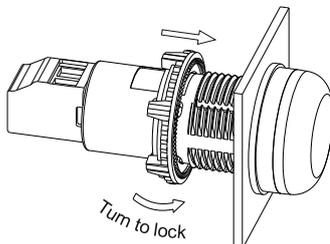


STEP 02

INSERT THE DIGITAL INDICATOR
INTO THE PANEL MOUNT HOLE

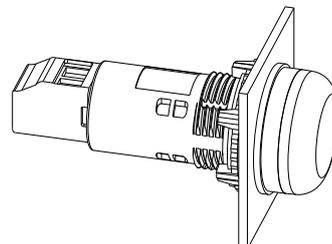


DIGITAL INDICATOR PANEL MOUNTING



TURN THE LOCKING NUT
IN A CLOCKWISE DIRECTION

STEP 03

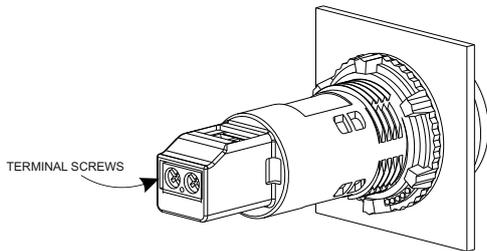


**PANEL MOUNT
INSTALLATION COMPLETE**

PRODUCT WIRING INSTRUCTION MANUAL

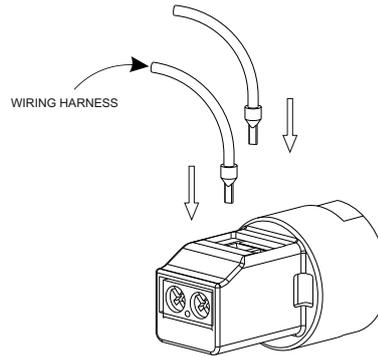
STEP 01

UNSCREW TO OPEN TERMINALS
IN AN ANTI-CLOCKWISE DIRECTION

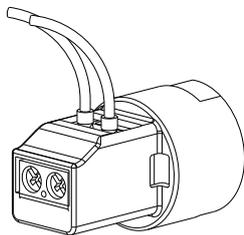


STEP 02

INSERT WIRING HARNESS
INTO THE TERMINAL CLAMP

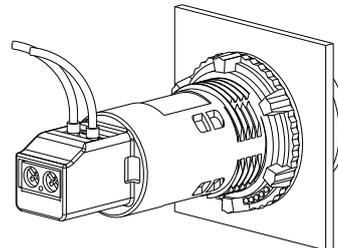


DIGITAL INDICATOR WIRING



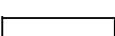
SCREW TO LOCK TERMINALS
IN A CLOCKWISE DIRECTION

STEP 03



**DIGITAL INDICATOR
WIRING COMPLETE**

CAT NO.

EVAR240A01		GEN 1 VOLTAGE INDICATOR RED 240V AC
EVAY240A01		GEN 1 VOLTAGE INDICATOR YELLOW 240V AC
EVAB240A01		GEN 1 VOLTAGE INDICATOR BLUE 240V AC
EVAG240A01		GEN 1 VOLTAGE INDICATOR GREEN 240V AC
EVAA240A01		GEN 1 VOLTAGE INDICATOR AMBER 240V AC
EVAC240A01		GEN 1 VOLTAGE INDICATOR CLEAR 240V AC

PRODUCT VARIANTS

