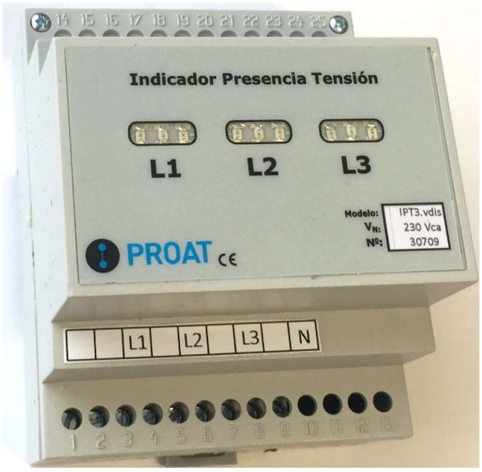
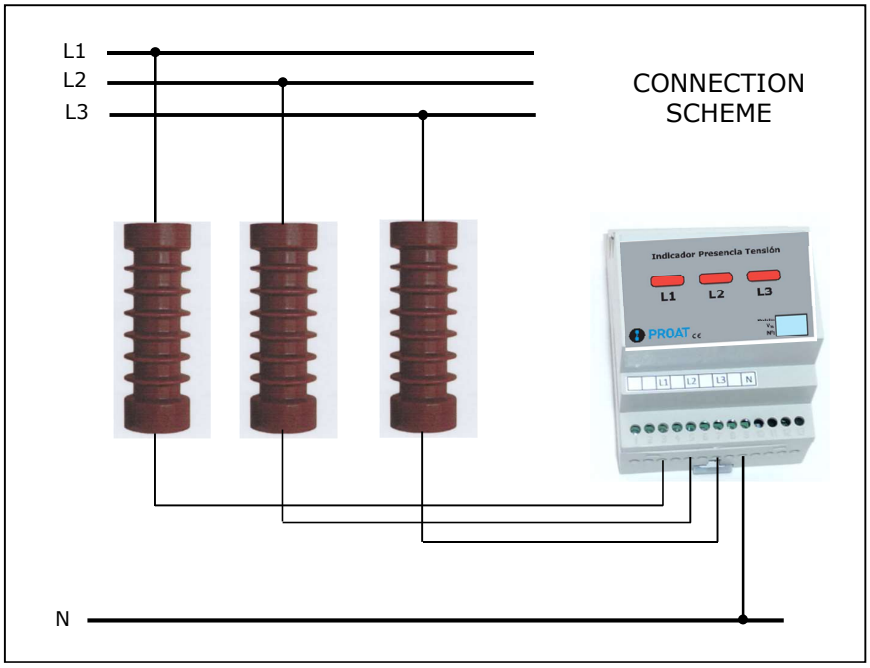
IPT3
Presence Indicator High Voltage AC



Description

The device IPT3.vpis, is a presence indicator is a AC three-phase voltage used for medium voltage bars. Is activated when the phase voltage reaches 40% of rated voltage, according to the IEC 62271. No need auxiliary voltage.
The device performs a permanent measure the voltage of each phase. When the voltage of each respective phase exceeds the threshold. The corresponding red LEDs are activated intermittently.



Technical data

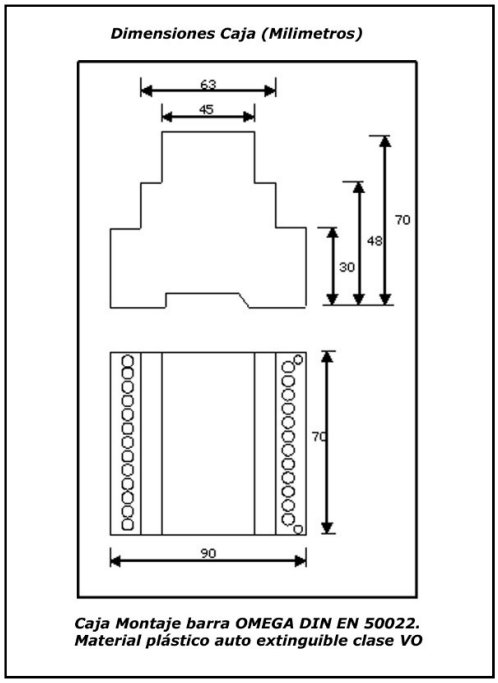
- Operating Temperature: -25 ° C / + 55 ° C
- Protection class IP40
- DIN rail mounting
- VO self-extinguishing plastic material class.
- External dimensions 90x70x70 mm (length x width x height)
- Indicators red LED type.
- Capacitive measurement.
- Operation: Continuous
- Consumption: <0.5W (at 230 VAC)
- Minimum current required 120μA (UNE-EN 62271)

Check Operation

To perform a test to the voltage indicator to IPT3.vpis, must be connected to a voltage of 230 VAC. To do this, disconnect the device from the cell and using cables should apply the voltage between the point of L1 and N, L2 and N and L3 and N on.
The device works correctly if an intermittent signal is observed. For the correct test, testing should be performed in the three phases.

Capacitive sensors for various rated voltages

Model	Nominal Voltage	Creepage	Capacity pF	High pulse voltage
APRC-36	36kV	467mm	75	170kV
APRC-24	24kV	320mm	150	152kV
APRC-17,5	17,5kV	256mm	150	95kV



Caja Montaje barra OMEGA DIN EN 50022.
Material plástico auto extinguible clase VO

AFME
Asociación de Fabricantes de Material Eléctrico

PROAT

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