

NEUTRAL TO EARTH VOLTAGE RELAY / EARTH RELAY



MODEL: NEVR



MODEL: NEVR-DIN

PRODUCT OVERVIEW:

Neutral to Earth Voltage Monitor Relay is micro-controller based Digital Device, which measure True RMS Voltage between Neutral & Electrical Earth which Indicates Condition & ensure proper Earthing is given to the equipment or machinery.

It also works as Earth Relay, for confirmation of Earthing to the equipment or machinery.

KEY BENEFITS:

Earth verification & condition
Protect equipment against earthing failure
Protect human body against electric shock

KEY FEATURES:

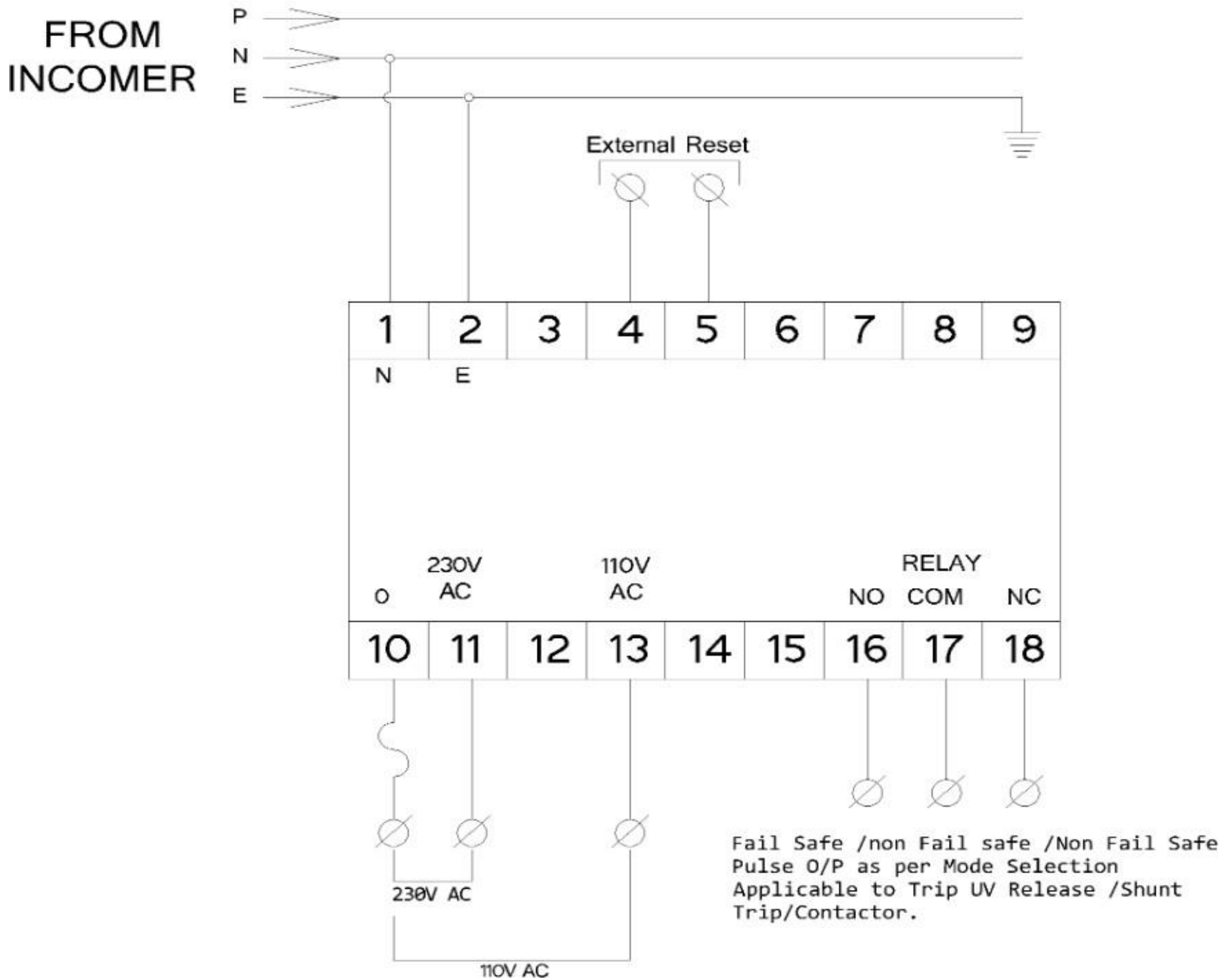
Microcontroller based design
Fast measurement and tripping within 100 ms
It trips, when process value is more than set value or Earthing is not provided or absents and Phase & Neutral interchange

SPECIFICATIONS:

MODEL	NEVR	NEVR-DIN
Aux Supply	230 VAC / 110 VAC, 50 Hz	230 VAC / 110 VAC, 50 Hz
Display type	Two-line 4-digit seven segment	single line 3-digit seven segment
Display Range & Trip setting	100 mV to 9.99 V AC	100 mV to 9.99 V AC
Response Time	100 ms	100 ms
Trip time delay	0.1 to 10.0 sec	0.1 to 10.0 sec
Display resolution	0.01 V AC	0.01 V AC
Output	5 Amp, One Change Over Relay output	5 Amp, One Change Over Relay output
Output type	Fail Safe/Pulse Type /non-Fail Safe	Fail Safe/Pulse Type /non-Fail Safe
Dimension	96 (L) X 96 (W) X 65 (D)mm	75 (L) X 52 (W) X 110(D) mm
	Flush mount (Panel Cutout – 92 mm x 92 mm)	DIN RAIL mount
Communication	Modbus RTU Protocol RS 485 (Optional)	Not Available
Measurement	True RMS	True RMS
Settable parameters	Trip voltage and time, Output type	Trip voltage and time, Output type
Operating Temperature	0 °C to 55 °C	0 °C to 55 °C
Weight	Approx. 500 grams	Approx. 500 grams

WIRING DIAGRAM (MODEL-NEVR):

NEVR



Aux. Supply 230V AC OR 110V AC

NOTE: NC 18 No. Terminal Can be use for LAMP Annunciation as per Mode Selected

