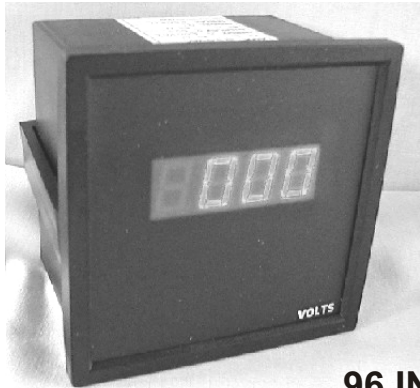




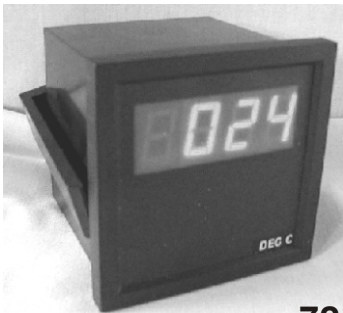
Models 489 IND, 96 IND, 72 IND, 48 IND DIGITAL PANEL METERS



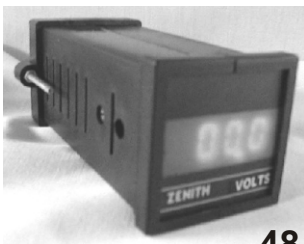
489 IND



96 IND



72 IND



48 IND

These are a range of **3 ½ digit** digital panel meters able to indicate from -1999 to + 1999 on a 14 mm (10 mm on the 48 IND) red LED display .

WE OFFER THE FOLLOWING RANGES :

VOLTS AC DIRECT (0 - 600 VAC)
or (0 - 199,9 VAC)
or (0 - 19,99 VAC)

VOLTS DC DIRECT (0 - 600 VDC)
or (-199,9 TO 199,9 VDC)
or (-19,99 TO 19,99 VDC)

AMPS AC DIRECT (0 - 1 AAC)
or (0 - 5 AAC)

AMPS DC DIRECT (0 - 1 ADC)
or (0 - 5 ADC)

AMPS AC (C.T.) FROM 0 UP TO A MAXIMUM OF 1999 AMPS AC THROUGH A 1 OR 5 AAC CURRENT TRANSFORMER

AMPS DC (SHUNT) FROM 0 UP TO A MAXIMUM OF 1999 AMPS DC THROUGH A 50 OR 60 mVDC SHUNT etc.

TEMPERATURE Pt100 -100,0 TO 199,9 °C
Pt100 -100 TO 400 °C
TYPE J 0 TO 600 °C
TYPE K 0 TO 1300 °C

INSTRUMENTATION SIGNALS, 0-20 mADC
TO DISPLAY VARIOUS RANGES 4-20 mADC
0-5 VDC
1-5 VDC
0-10 VDC

IF YOU REQUIRE A DISPLAY THAT **EXCEEDS 3 ½ DIGIT**, THEN WE ALSO OFFER A **4 ½ DIGIT** (-19999 TO + 19999) WHICH IS ONLY AVAILABLE IN THE 96 x 96 AND 96 x 48 SIZES.

Supply Voltage

230 VAC , 115 VAC ,
110 VDC , 24 VDC ,
12 VDC

Current Consumption

+/- 10 mA @ 230 VAC

Physical Dimensions 489 IND

Bezel Size 97 x 49 mm
Cutout Size 91 x 42 mm
Depth 80 mm

Physical Dimensions 96 IND

Bezel Size 97 x 97 mm
Cutout Size 89 x 89 mm
Depth 80 mm

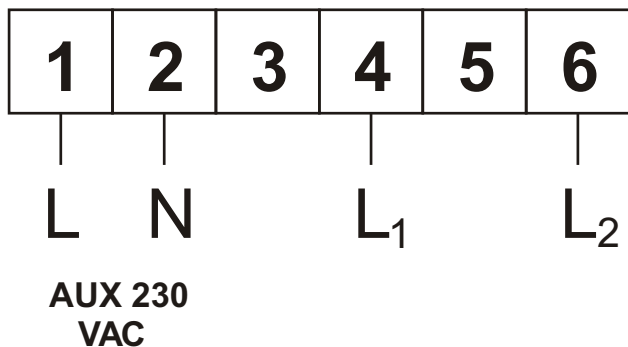
Physical Dimensions 72 IND

Bezel Size 73 x 73 mm
Cutout Size 66 x 66 mm
Depth 80 mm

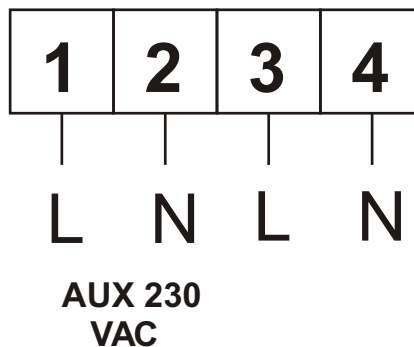
Physical Dimensions 48 IND

Bezel Size 48 x 48 mm
Cutout Size 45 x 45 mm
Depth 125 mm

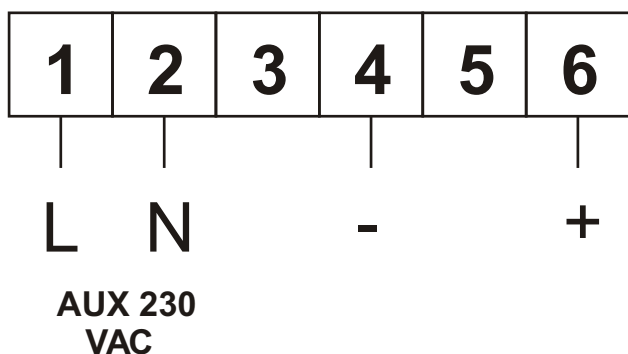
VOLTS AC 6 - WAY



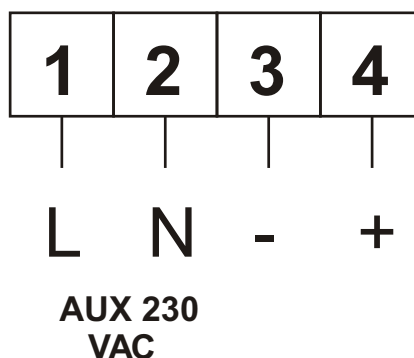
VOLTS AC 4 - WAY



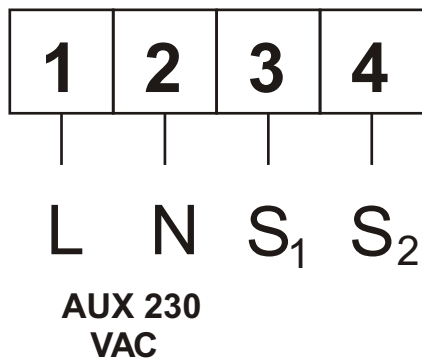
VOLTS DC 6 - WAY



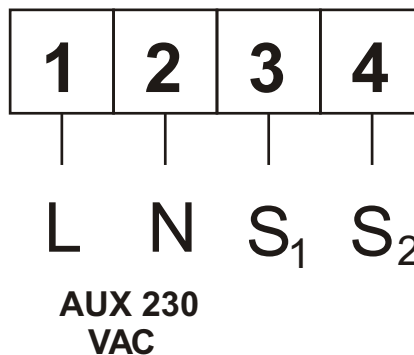
VOLTS DC 4 - WAY



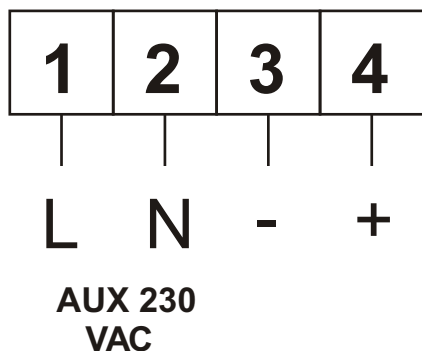
AMPS AC DIRECT



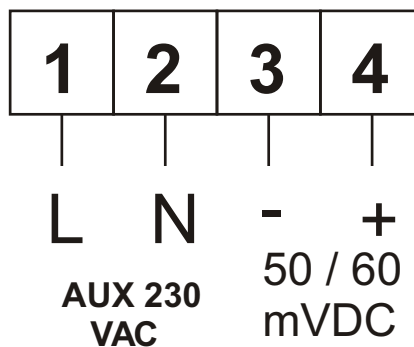
AMPS AC (C.T.)



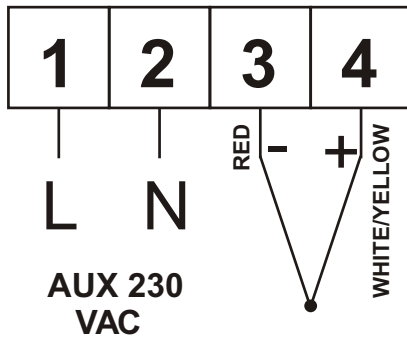
AMPS DC DIRECT



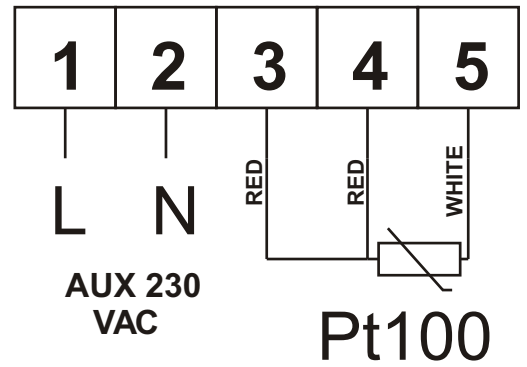
AMPS DC SHUNT



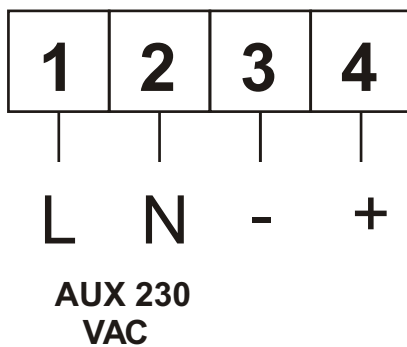
THERMOCOUPLE



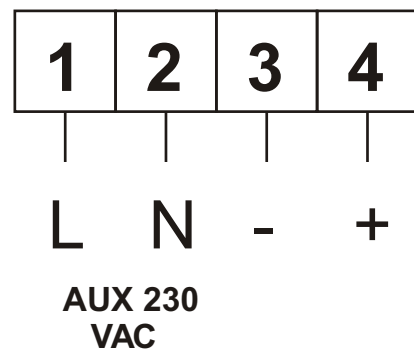
Pt100 5 - WAY



0 - 10 VDC SIGNAL



4 - 20 mA SIGNAL



TAP POSITION IND.

