



High Current, Direct Connected Digital Panel Ammeters

Instrument Division

True RMS 1PH & 3PH AC Ammeters (upto 30A) 96 X 96 mm sizes.



Brief Information:

High Current, Single phase & Three phase AC Ammeters suitable for direct reading of current without C.T. Aux. Supply is galvanically isolated from measuring circuit.

Features:

True RMS measurement.
State of Art Microcontroller Based Design.
4 digit ultra bright LED Display.

Ranges:

0 - 10A / 15A / 20A / 25A / 30A

Application:

The High Current, direct connected type digital panel Ammeters have been designed for Industrial applications, i.e. electrical Panels required for Generation, Distribution & Commercial purpose.

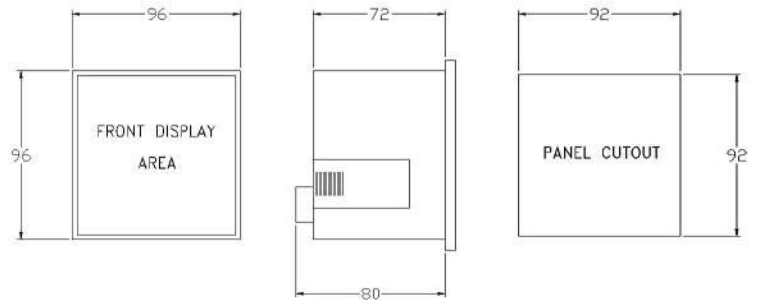
Ordering information

- 1) Meter Type : 1PH AAC / 3PH AAC
- 2) Measuring range

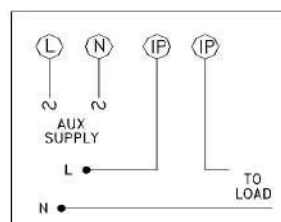
Specifications:

Parameters	Type
	1PH AAC / 3PH AAC
Display Range	9999
Display	4-Digit ultra Bright LED display (RED, 0.5" - 7 segment LED Display)
Overload indication	"OL" indication on display.
Accuracy	± 1% F.S. Indication (±2 Digits)
Computation	True RMS
Temperature coefficient	100 ppm/°C
Frequency	45HZ to 65 HZ
Overload	120% of nominal value
Auxiliary supply	Universal (85...285) AC/DC
Input Range	2% to 120%
Burden	≤ 2 VA Max on Aux. supply
Insulation Resistance	> 20MΩ @ 500 DC .
Dielectric Strength	2 KV RMS for one minute.
Operating temperature	0 to +60 °C
Storage temperature	-20 to +70 °C
Humidity	<95% RH Non-condensing
Front protection rating	IP52
Case protection rating	IP30
Material	ABS
Mounting	Flush Mounting with side clamps
Dimension	96 X 96 X 80 mm
Weight	1PH AAC - 265gm / 3PH AAC - 365gm.

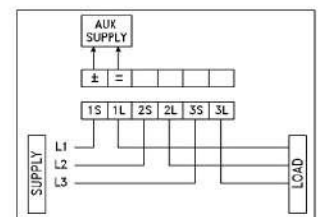
Meter Dimensions & Installation cut out



Connection Diagram



Single Phase AAC



Three Phase AAC