

Digital Panel Meter

Energy Meter

DEM



SALIENT FEATURES

- ◆ Multiple Parameter Display
- ◆ 3 Phase 4 wire
- ◆ CT Selectable upto 4000/5A
- ◆ 4 Digit 3 Line Display
- ◆ 100-240 VAC Power Supply

Model Number Legend

DEM-
 1 2 3

1. Series

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3. Power Supply

230AC: 230V AC

2. Output Type

N: Indication

M: Modbus with Indication

#. Accessories included

Panel Mounting Kit : 1 Set

Example:

DEM-M230AC

DEM Series - Indication with RS-485 Communication Type - 230V AC Power Supply

NOTE: Contact us for models not shown in catalogue.

- Sensing
- Digital Panel Meters
- Temperature Controllers
- Timers & Counters
- Level Controllers
- Convertors & Amplifiers
- Weighing
- Automation
- Components

Ratings and Specifications

Output Type		Indication	Indication + Communication
Models		DEM-N230AC	DEM-M230AC
Power Supply		230 VAC, 50Hz	
Power Consumption		35mA at 220 VAC	
Output Type		Only Indication	Indication with Communication
PV Display	Method	4 digit, 3 Line, 7 Segment 0.56" RED LED	
	Parameters	Phase Voltage, Line Voltage, Current, Active Power, Energy, Power Factor(PF), Apparent Power & Frequency	
	Range	Please verify Parameter Table	
CT Ratio		Selectable, upto 4000/5A	
Dielectric Strength		At power terminals 2000 VAC, 50Hz, 1 min	
Ambient Temperature		Operation: 0° ~ 50°C; Storage: -10° ~ 60°C (non- freezing; non- condensing)	
Ambient Humidity		Operation: 45 ~ 80% RH; Storage: 25 ~ 85% RH (non- condensing)	
Protection Class		IP20, Front panel IP65	
Weight		approx. 150 grams	
Material		Front Panel: PU Cladding Housing: ABS or Equiv.	

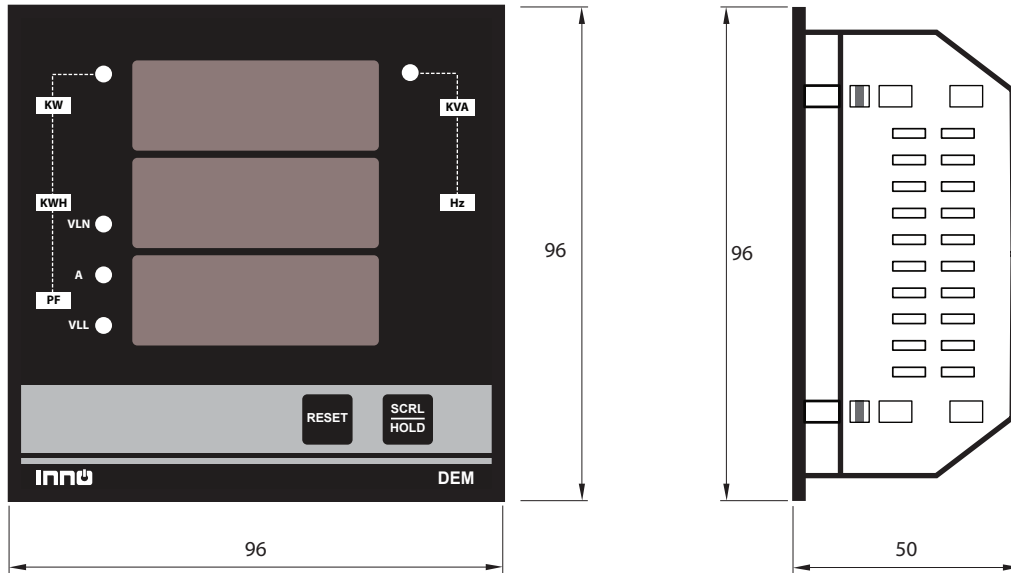
Range of Parameters

Parameter	Measurement Range
Phase Neutral Voltage(PV)	20.0 ~ 300.0V
Line Current(A)	0~5A (Direct without CT)
Line Voltage(Phase to Phase) (LV)	25~500V
Active Power (kW) Total	0.000 ~ 9999kW
Active Energy(kWh)	0.000 ~ 999999kWh
Power Factor (PF) Average	0.20 ~ 1.00PF
Apparent Power(kVA)	0.000 ~ 9999kVA
Frequency (Freq)	40 ~ 80Hz

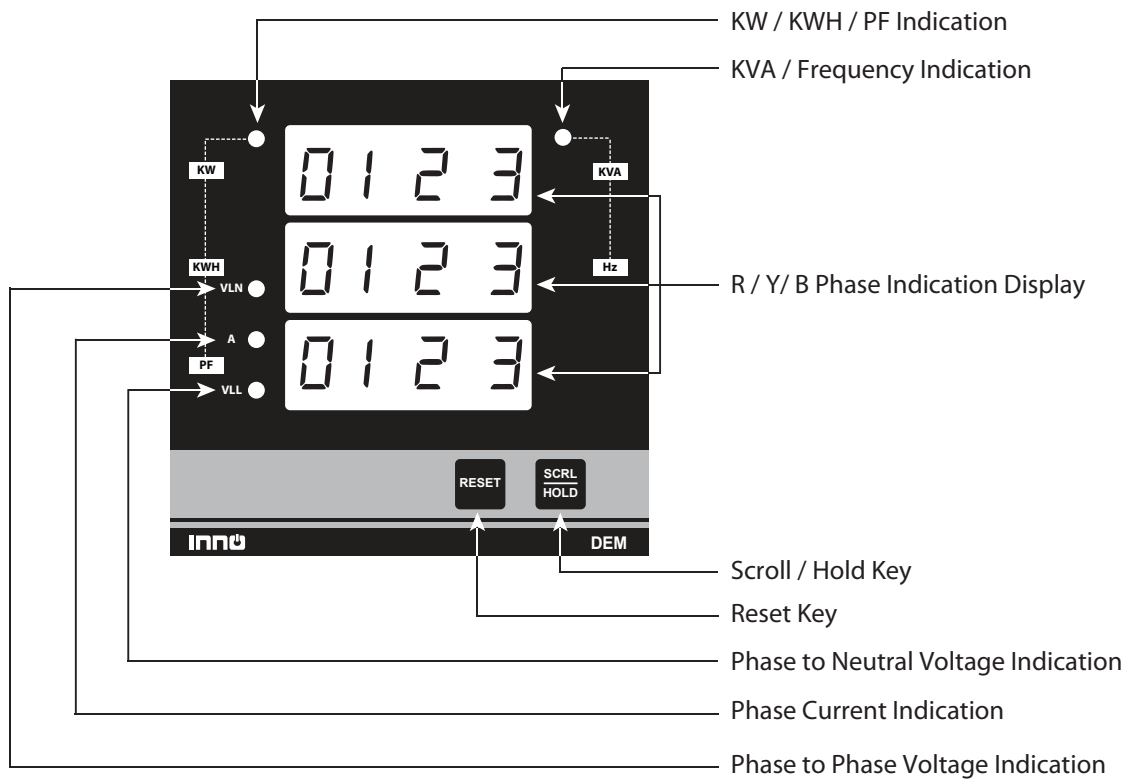
Dimension Drawing

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All dimensions are in mm



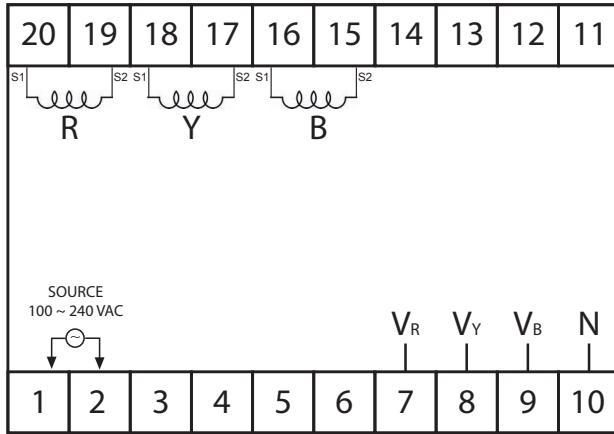
Nomenclature



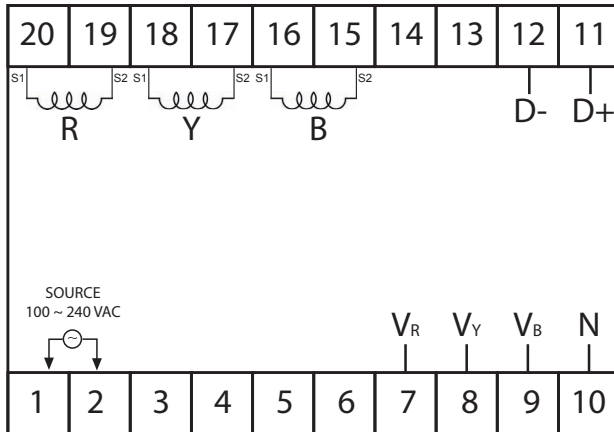
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Connections

◆ DEM-N230AC



◆ DEM-M230AC



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 specifications are subject to change without notice

Cat. No. DEM-715

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