

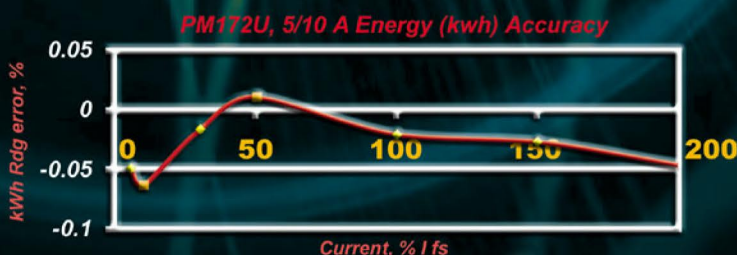
NEW

PM172HA



Utility Grade Series with Two Ports for Simultaneous Communication

- **Class 0.2S accuracy**
- **Current measurement range up to 200%**
- **3 communication protocols: ASCII, RTU Modbus, DNP3.0, Level 2**
- **Switching Power Supply 110V-220V AC/DC**



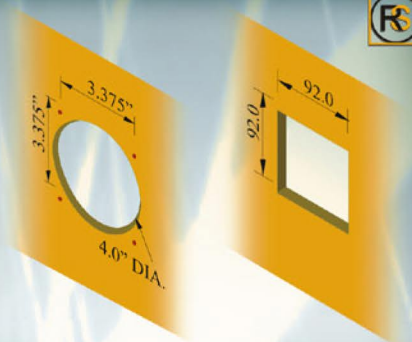
SATEC
Powerful Solutions



Innovative Electronics For You
Providing Industrial Automation
solutions since 1983

NEW

PM172HA

Rear View**Panel Cutouts**

Class 0.2 Accuracy

Parameter	Accuracy: Reading, %
Voltage	0.15
Line current	0.2
Active power	0.2
Reactive power	0.2
Apparent power	0.2
Power factor	0.45
Frequency	0.1
Neutral (unbalanced) current	0.3
Ampere demand	0.2
kW demand	0.2
kVA demand	0.2
Total harmonic distortion	0.2
Total demand harmonic distortion	1.5
Active energy import & export	Class 0.2S (IEC 687-1992-6)
Reactive energy import & export	Class 0.2S (IEC 687-1992-6)
Apparent energy	Class 0.2S (IEC 687-1992-6)

Measurement error is typically much less than the maximum error specified here.



Ordering Information

PM172HA - [] - [] - [] - []

Voltage Inputs

0* 690V AC Nominal Voltage Input
U 120V AC Nominal Voltage Input

Current Inputs

I 1 Ampere
S* 5 Ampere

Power Supply

ACDC* 90 - 264V AC and 85 - 290V DC
1DC 10 - 20V DC
2DC 20 - 38V DC
3DC 38 - 72V DC

Analog Output

00 No Analog Output
2AP 2 Isolated Analog Outputs (0-1, 0+/-1, 0-20 4-20mA)

* Standard

Example:

PM172HA-0-5-ACDC-00 or PM172HA-0-5-ACDC

- Bright LED displays (three windows, 6-digit energy counters)
 - 2 communication ports: RS-232, RS-422/RS-485
- Communication LED indicators
 - Energy pulsing LED
- 2 sampling ranges 32/cycle, 128/cycle
 - Large memory - 512K
 - Event and data logging
 - Fast TOU setup
- Accurate Real Time Clock
- Optional password protection for setup
 - 2 digital inputs
- 2 relays for energy pulsing (KYZ) or alarm / remote control
 - Failsafe relay operation
- Galvanically isolated current and voltage inputs
- 2 selectable analog outputs with internal power supply: 0-20mA, 4-20mA, 0-1mA, 1mA

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