

# SMART POWER TRANSMITTER PWT9070



## TECHNICAL SPECIFICATION

MODEL	:PWT9070
System Design	:Micro controller based
Voltage Input	:80 - 520V AC line to line for LT 25 - 140V AC line to line for HT
Current Input	:1A / 5A
Measurement System	:3 Phase, 3 wire (or) 3 Phase, 4 wire HT Application 3 Phase, 4 wire LT Application
Frequency Range	:45.00 - 55.00 Hz
Accuracy	:± 0.5 % OFS
Computer Parameter Output	:V, I, kW, kVA, kVar, PF and Frequency :Rs485 Communication output. The computed parameters are transferred to PC or any other master equipment.
Output (Optional)	:2 Nos. (4-20mA)
Volt drop on load	:Max. 10V
Dielectric Strength	:AC 2KV 1 min.
Galvanic Isolation between input & output	:Available
Surge and Impulse test	:4 KV 1.2/50 $\mu$ s
Max. current	:4 times continuous 50 times / 1 sec.
Burden on Voltage and Current Input	:0.2VA
Response Time	:1 Second
Calibration Feature	:Digital Calibration
Lead / Lag Measurement	:Available
Bi-directional Power	:Optional
Working Temperature	:Max. 55°C
Box Dimension	:70 x 100 x 150 mm
Mounting	:DIN Rail

## APPLICATIONS

- Panel Metering in Sub Stations
- Power Generation Plants, Genset Panels
- Control Panels
- Test Benches
- Switch Boards
- Power Distribution