



Bus-Bar upto
16mm x 65mm
Cable upto
43mm Diameter

3510PHE-AUTO

Features

- TRMS Measurement
- KW, KVAR, KVA, HP & Energy Measurement
- PF & Phase Angle (Φ) Measurement
- 4 Digit LCD, 9999 Count, Autoranging
- Data Hold, Auto Power Off
- Cable of Diameter upto 43mm / Busbar upto 65mm x 16mm

Applications

- Check Motors and Compressors
- Check for Energized Circuits & Loads
- Ideal for Electrical Energy Audit of Heating, Ventilation & Aircon Systems (HVAC)
- To Identify Low Voltage Control Signal
- To Identify Power Sources
- 1 ϕ / 3 ϕ (3p3w/3p4w) Power Calculations
- Evaluate Electrical Contacts
- Verify the Stability of Voltage

1 ϕ / 3 ϕ TRUE Power : (PF > 0.5 or θ < 60°) (1HP = 0.7457KW)			
Range	Resolution	Accuracy \pm (%rdg + dgts)	Overload Protection
99.99KW	0.01KW	\pm (5% + 30)	600VAC/
600.0KW	0.1KW	(50, 60Hz)	1000AAC

1 ϕ / 3 ϕ HP (1HP = 745.7W) : (PF > 0.5 or θ < 60°)			
Range	Resolution	Accuracy \pm (%rdg + dgts)	Overload Protection
99.99HP	0.01HP	\pm (5% + 30)	600VAC/
800.0HP	0.1HP	(50, 60Hz)	1000AAC

1 ϕ / 3 ϕ Apparent Power			
Range	Resolution	Accuracy \pm (%rdg + dgts)	Overload Protection
99.99KVA	0.01KVA	\pm (2.5% + 30)	600VAC/
600.0KVA	0.1KVA		1000AAC

1 ϕ / 3 ϕ Reactive Power : (PF > 0.5 or θ < 60°)			
Range	Resolution	Accuracy \pm (%rdg + dgts)	Overload Protection
99.99KVAR	0.01KVAR	\pm (5% + 30dgts)	600V AC/
600.0KVAR	0.1KVAR	(50, 60Hz)	1000A AC

1 ϕ / 3 ϕ PF & Phase Angle (50Hz, 60Hz)			
Range	Resolution	Accuracy	Sensitivity
-60°/0° + 60° -0.5/1 + 0.5	0.1°	\pm 6.0°	ACV > 100V, ACA > 10A

Energy			
Range	Resolution	Accuracy	Overload Protection
KWh	0.1	\pm (5% + 30) (50, 60Hz)	600V AC / 1000A AC
KVARh			
KVAh			

Frequency			
Range	Resolution	Accuracy \pm (%rdg + dgts)	Sensitivity
40/400Hz	0.1Hz	\pm (0.5% + 2)	ACV > 1.2V, ACA > 6A

AC Current (50Hz to 400Hz) : TRMS				
Range	Resolution	Accuracy \pm (%rdg + dgts)	Sensitivity	Overload Protection
99.99A	0.01A	\pm (2% + 30) (50, 60Hz)	0.10A	1000A
999.9A	0.1A	\pm (4% + 30) (40-400Hz)	1.0A	