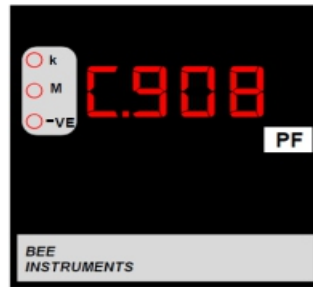


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Specifications

Measuring Method Cosine of Phase Shift between Voltage and Current

Display Type Red, 7 Segment LED super Bright Display

Maximum Display 3 Digits to indicate PF

Resolution 0.001 PF

Polarity Indication L(Lagging/Inductive) or C(Leading/Capacitive)

Case / Housing Material Black ABS, Dimension as per DIN 43700

Maximum Overload Voltage : 1.2 times continuous
Current : 1.2 times continuous

Dielectric Strength 2.5 kV at 50Hz for 1 min. between Case - Terminals

Mounting Clamps Sturdy, ABS Moulded with Hardware

Connectors Terminal Block : Thermoplastic(UL 94V- 0) with Tin Plated Brass Terminals

Faceplate / Lens Red Antiglare Faceplate with Annunciators

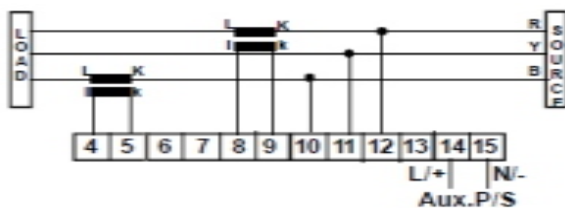
Display Stability Within ± 2 Digits

Models	Parameters	System
RDMPF40969632	PF- TRMS	3Phase 2 Element 3 Wire
RDMPF40969633		3Phase 3 Element 4 Wire

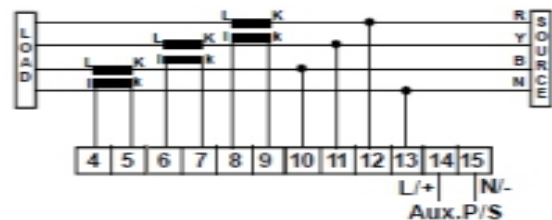
Display	Parameters	Special Features	
Auxiliary Supply (any one only)	Display of 4 Digits, 0.56" /14.2mm Digit Height 230V AC $\pm 20\%$, 50Hz or 110V AC $\pm 20\%$, 50Hz	CTR, PTR Factory Set	
Input		Measurement TRMS Four Quadrant Measurement	
Voltage / Phase	50-300V (max.) (Phase to neutral)	Environment	
Current / Phase (any one only)	0.2A to 1.2A(max.) or 1A to 6A(max)	Callibration	27°C $\pm 5^\circ$ C
Frequency	45- 55Hz	Operation	0 to 55°C, RH < 70%
Power Factor	0.300 Lag(L) - 1.000-0.300 Lead(C)	Storage	-10 to 60°C RH < 70%
Accuracy		Terminals	Terminal Block : Thermoplastic(UL 94V- 0) with Tin Plated Brass Terminals
Power Factor	$\pm 1^\circ$ Electrical	Dimensions(mm)	
VABurden(typical)		Front	96x96
Auxiliary	< 5VA	Depth (Behind Bezel)	90mm
Voltage Input	< 0.1VA/Phase	Panel Cut-Out	92(+0.8,-0.0) x 92(+0.8,-0.0)
Current Input	< 0.5VA/Phase	Dielectric Strength	2.5KV at 50Hz for 1 min.
Standard		Insulation Resistance	> 20M Ohms at 500V DC
Installation Category	Cat II (IEC 1010-1)		
Pollution	Degree 2 (IEC 1010-1)		

Ordering information : Model, Input Voltage ,Input Current, Input Frequency, System(3P2E3W or 3P3E4W), CTR / PTR & Auxiliary Supply

Terminal Connection



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