



RDMPF40489
RDMPF404896



RDMPF409696
RDMPF40096963P



RDMPF407214
RDMPF4072143P



RDMPF401414
RDMPF4014143P

Specifications

# Measuring Method	Cosine of Phase between Voltage and Current	# VA Burden(Typical)	Auxiliary:< 5 VA Voltage Input:< 0.5 VA /Phase Current Input: < 0.5VA /Phase
# Sampling Rate	2.5 Samples per Second	# Environment	Calibration: 27°C ± 5°C, Operating : 0 to 55°C, RH < 70% Storage : -10 to 60°C, RH < 70%
# Display Type	Red,7Segment LED super Bright Display	# Dielectric Strength	2.5 kV at 50Hz for 1 min. between Case - Terminals
# Maximum Display	4 Digits to indicate PF	# Mounting Clamps	Sturdy, Moulded ABS with Hardware
# Resolution	0.001 PF	# Connectors	Terminal Block : Thermoplastic(UL 94V- 0) with Tin Plated Brass Terminals
# Under Current Indication	Error Code ".01" Blinking when current <20% of Nominal is detected	# Faceplate / Lens	Red Antiglare Faceplate with Annunciators
# Polarity Indication	L(Lagging/Inductive) or C(Leading/ Capacitive)	# Display Stability	Within ± 2 Digits
# Case/ housing Material	DIN Black ABS, Dimension as per DIN		
# Maximum Over Load	Voltage : 1.2 times continuous Current : 2 times continuous		

Model	System (Phase, Element,Wire)	Input (Nominal)	Auxiliary Power Supply (any one only)			Accuracy Class		Digits (max.)	Display Digit Height	
			110/ 230V AC	24/48/ 110/22 0V DC	Self Powered	±1 Degree	±2 Degree		4 Digit	0.56"/ 14.20mm
RDMPF404896	1P 1E 2W	V for 1P1E2W = 110/ 230V(P-N); V for 3P1E2W= 110/440V(P-P); A=1,2 or 5A AC; Hz =500Hz (V Range =±20% of Nominal A Range =20-120% of Nominal) PF Range = 0.500 Lag(L)-	-	-	✓	✓	✓	✓	✓	-
RDMPF4048963P	3P1E2W (Balanced Load)		-	-	✓	✓	✓	✓	✓	-
RDMPF409696	1P 1E 2W		✓	✓	✓	✓	✓	✓	✓	-
RDMPF4096963P	3P1E2W (Balanced Load)		✓	✓	✓	✓	✓	✓	✓	-
RDMPF407214 RDMPF401414	1P 1E 2W		✓	✓	✓	✓	✓	✓	-	✓
RDMPF4072143P RDMPF4014143P	3P1E2W (Balanced Load)		✓	✓	✓	✓	✓	✓	-	✓

Dimensions(mm)

Model	RDMPF404896/ RDMPF4048963P	RDMPF409696 RDMPF4096963P	RDMPF407214 RDMPF4072143P	RDMPF401414 RDMPF4014143P
Front	48×96	96×96	72×144	144×144
Depth (Behind Bezel)	135	90	120	120
Panel Cut-Out	44(+0.5,-0.0)×92(+0.8,-0.0)	92(+0.8,-0.0)×92(+0.8,-0.0)	68(+0.8,-0.0)×138(+0.8,-0.0)	138(+0.8,-0.0)×138(+0.8,-0.0)

Ordering information : Model, Input Voltage,Input Current,Input Frequency,CTR/PTR, Auxillary Supply, Accuracy Class & Display Digit Height

