



DPF11, DPF31



DPF9611S, DPF9631S



DPF72x14411, DPF72x14431



DPF14411, DPF14431

### Specifications

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| <ul style="list-style-type: none"> <li>● <b>Measuring Method</b> Cosine of Phase Shift between Voltage and Current</li> <li>● <b>Sampling Rate</b> 2.5 Samples per Second</li> <li>● <b>Display Type</b> Red LED (Standard)</li> <li>● <b>Maximum Display</b> 4 Digits to indicate PF</li> <li>● <b>Resolution</b> 0.001 PF</li> <li>● <b>Under Current Indication</b> Error Code “.01 ” Blinking when current &lt; 20% of Nominal is detected</li> <li>● <b>Polarity Indication</b> L (Lagging/Inductive) or C (Leading/Capacitive)</li> <li>● <b>Case / Housing Material</b> DIN Black ABS, Dimension as per DIN 43700</li> <li>● <b>VA Burden (Typical)</b> Auxiliary : &lt; 5 VA<br/>Voltage Input : &lt; 0.5VA / Phase<br/>Current Input : &lt; 0.5 VA / Phase</li> </ul> | <ul style="list-style-type: none"> <li>● <b>Maximum Overload</b> Voltage : 1.2 times continuous<br/>Current : 2 times continuous</li> <li>● <b>Environment</b> Calibration : 27°C ± 5°C,<br/>Operating : 0 to 50°C, RH &lt; 70%<br/>Storage : -10 to 60°C, RH &lt; 70%</li> <li>● <b>Dielectric Strength</b> 2.5 kV at 50Hz for 1 min. between Case - Terminals</li> <li>● <b>Mounting Clamps</b> Sturdy, Moulded ABS with Hardware</li> <li>● <b>Connectors</b> Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals</li> <li>● <b>Faceplate / Lens</b> Red Antiglare Faceplate with Annunciators</li> <li>● <b>Display Stability</b> Within ± 2 Digits</li> </ul> |
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Model	System (Phase, Element, Wire)	Input (Nominal)	Auxiliary Power Supply (any one only)			Accuracy Class		Digits (max.) 4 Digit	Display Digit Height	
			110 / 230V AC	24 / 48 / 110 / 220V DC	Self Powered	± 1 Degree	± 2 Degree		0.56" / 14.20mm	1.0" / 25.4mm
DPF11	1P 1E 2W	V for 1P1E2W = 110 / 230 V (P-N);	-	-	✓	✓	✓	✓	-	
DPF31	3P 1E 2W (Balanced Load)	V for 3P1E2W = 110 / 440 V (P-P);	-	-	✓	✓	✓	✓	-	
DPF9611S	1P 1E 2W	A = 1, 2 or 5A AC; Hz = 50Hz	✓	✓	✓	✓	✓	✓	-	
DPF9631S	3P 1E 2W (Balanced Load)	(V Range = ± 20% of Nominal	✓	✓	✓	✓	✓	✓	-	
DPF72x14411 DPF14411	1P 1E 2W	A Range = 20 - 120% of Nominal	✓	✓	✓	✓	✓	-	✓	
DPF72x14431 DPF14431	3P 1E 2W (Balanced Load)	PF Range = 0.500 Lag (L)- 1-0.500 Lead (C)	✓	✓	✓	✓	✓	-	✓	

Dimensions (mm)				
Model	DPF11/ DPF31	DPF9611S DPF9631S	DPF72X14411 DPF72X14431	DPF14411 DPF14431
Front	48 x 96	96 x 96	72 x 144	144 x 144
Depth (Behind Bezel)	135	90	130	59
Panel Cut-Out	44 <sup>(+0.5, -0.0)</sup> x 92 <sup>(+0.8, -0.0)</sup>	92 <sup>(+0.8, -0.0)</sup> x 92 <sup>(+0.8, -0.0)</sup>	68 <sup>(+0.8, -0.0)</sup> x 138 <sup>(+0.8, -0.0)</sup>	138 <sup>(+0.8, -0.0)</sup> x 138 <sup>(+0.8, -0.0)</sup>

**Ordering Information** : Model, Input Voltage, Input Current, Input Frequency, CTR / PTR (if any), Auxillary Supply, Accuracy Class & Display Digit Height

**Terminal Connection**  
(Please refer page overleaf for other Models)