

<b>Electrical characteristics</b>		
Type of measurement	True RMS up to the 22nd harmonic 50 samples per cycle at 50 Hz	
Measurement	Current and voltage	Class - 1.0 / Class - 0.5 accuracy
Frequency	Class - 0.1 / Class - 0.05 accuracy	
Power Factor Per Phase & Average	Class - 1.0 / Class - 0.5 accuracy	
Data update rate	1 sec	
Input-voltage characteristics	Inputs	V1, V2, V3, Vn
	Measured voltage	80 - 480 V AC L-L without PTs Up to 999 kV with external PTs
	Permissible overload	1.10 Un (480 V L-L)
	Burden	0.2 VA per phase max.
	Impedance	VLL - 4 Mohms, VLN – 2 Mohms
	Frequency range	45 - 65 Hz
Input-current CT ratings characteristics	Primary	1 A - 99.0 kA
	Secondary	1 A - 5 A
Measurement range	40 mA - 6 A (5 mA is the starting)`	
Permissible overload	10 A continuous	
Burden	0.2 VA per phase max.	
Impedance	< 0.1 ohm	
Power supply	AC	44 - 277 V AC at 50 Hz/60 Hz
	DC	44 - 277 V DC
	Ride-through time	100 ms at 50V
	Burden	3 VA max.
<b>Mechanical characteristics</b>		
Weight	0.500 kg (shipping), 0.400 kg (unpacked)	
IP degree of protection	Front: IP 51; Back: IP 40	
Dimensions	Bezel: 96 x 96 mm Depth: 65 mm behind bezel Panel cutout: 92 x 92 mm	
<b>Environmental conditions</b>		
Operating temperature	-10°C to +60°C	
Storage temperature	-25°C to +70°C	
Humidity rating	5 to 95 % RH non-condensing	
<b>Electromagnetic compatibility</b>		
Electrostatic discharge	IEC 61000-4-2	
Immunity to electromagnetic RF fields	IEC 61000-4-3	
Immunity to electrical fast transients	IEC 61000-4-4	
Immunity to surge waves	IEC 61000-4-5	
Impulse voltage withstand capability	6kV for 1.2/50 µS per IS : 13779	
<b>Display characteristics</b>		
Integrated LED display	View1 parameters on 1 line, 4 digits display. Auto-scaling capability for Kilo,	