

Power Supply		Answer
Rated Supply Voltage		9VDC
Power Consumption		<2watts
Device		
Operation Temperature		-50° TO 60° C
Protection Class		IP30
Dimensions (W x H x D)		159 x 89 x 58
(9Poles wide + power supply)		
Insulation Coordination		
Device Voltage Insulation		5000vAC
Measuring Voltage Inputs		
L1-N, L2-N, L3-N		90 ~ 270 RMS
Rated Frequency		50 / 60hz
Frequency Range		45 ~ 65Hz
Measuring current inputs		
Accuracy Class According IEC 62053-22		Class 1
Compliant with		CTick, EMC, IEC 60255
Measuring Range		0 ~ Ratio of CT
Input		0-0.333VRMS
Current transformer ratio (Primary)		Selected to suit
Current transformer ratio (Secondary)		0.0 - 0.333volts
Power Protection Measurements		
Reverse Power		5% of Inverter Rating - 0.0Sec
Response Time		800mSec
Sampling Rate All Channels		Yes
Energy Consumption		I, kWatt, kVA
Energy Export		I, kWatt, kVA
Measuring standard		NIST Standard
Network Protection Functions		
Undervoltage		346V Phase-to-Phase (200V P-to-N) 5.0Sec
Overvoltage		445V Phase-to-Phase (257V P-to-N) 5.0Sec
Under frequency		48Hz - 5.0Sec
Over frequency		52Hz - 5.0Sec
Voltage Unbalance		20% - 2.0Sec
Overcurrent Protection		400A - 0.0Sec
ROCOF		0.4Hz/Sec
Inbalance of frequency		Yes
Phase failure		Yes
Voltage Vector Shift		8° In a Half Cycle
Direction and Value		Yes
Disconnect Time		2.0Sec
Auto Re-Connect Time		300Sec
Tamper Proof Programming		Yes
Island Protection		
Secondary Anti Island Protection		Yes
Switching Relays		
Max Switching Voltage/Current		5amps 300voltsRMS
Minimum Load		10mAMPS RMS
Lifetime		120000 Activations
Terminal Tightening Torque		0.4 Nm
Number of Relays Per Device		6 relays
Device Operation Indicators		
Power to Unit		Red LED
Grid Available.		Green LED
Generation Available.		Green LED
Relay Closed		Green LED each relay
Relay Continuous Carrying Capacity.		5amps 300volts RMS

