



CROMPTON INSTRUMENTS INTEGRA 2270 POWER QUALITY METER WITH MODBUS TCP/IP COMMUNICATION MODULE

Ethernet Connection

The Integra 2270 Power Quality Meter with Ethernet communication module supports connection to SCADA systems using the MODBUS TCP protocol. The Integra 2270 Meter with Ethernet module acts as a MODBUS slave device and may be queried by a MODBUS master device which conforms to the MODBUS TCP protocol. The Integra 2270 Ethernet module supports 10Base-T Ethernet communication. Connection is normally via an Ethernet switch or hub that supports the IEEE 802.3 standard at 10/100Mbps.

IP Address Assignment

The Integra 2270 Ethernet option supports dynamic IP address assignment from a DHCP server. The Integra 2270 Meter default IP address is factory set to "192.168.1.100", but may be changed by the user before installation. The IP address of the Integra 2270 Meter at installation must be appropriate for the network to which it is attached and should be determined by the network administrator. The product will remember the last IP assignment if moved to different networks.

Integra 2270 Power Quality Meter

The Crompton Instruments **Integra 2270 Power Quality Meter** enables companies to monitor the quality of incoming electricity with a touch. The next generation technology measures the power quality based on three measurements - **Total Harmonic Distortion, Waveform Capture and Voltage Interference**. These parameters giving companies the information they need to measure power quality, so they can make informed decisions on effective energy use.

Crompton Instruments Integra 2270 Power Quality Meter measures electrical parameters with a **0.25% accuracy of reading** and can be installed on any electrical system.

Integra 2270 Meter Features

- Full colour, energy-efficient touch screen display
- Signal Conditioning technology
- Inputs and output
 - pulsed inputs
 - pulsed outputs
 - alarms
- Easy installation
 - voltage and signal connections
 - direct CT connection





Product Codes

Description	Part number
Modbus TCP/IP module for Integra 2170 and 2270 power quality meter	OPT-2270-070

CS RANGE CURRENT TRANSFORMERS

The range of CS series moulded case current transformers offers wide system current ratings, apertures and case sizes to suit every application. The range benefits include ratio rating from 5 to 5000/5, accuracy up to class 0.2S, integral terminal cover for safety and multiple mounting options.



Features

- CT ratios from 5/5 to 5000/5A
- Accuracy class 0.2S
- Integral terminal cover
- Busbar, DIN-rail or foot mounting options
- Sealable terminal covers
- Combined M4 posi/slot screw

For full range and part numbers please visit:
www.crompton-instruments.com/CT.html

For email or phone, go to:
crompton-instruments.com

FOR MORE INFORMATION: TE Technical Support Centres

UK +44 1376 509 533
USA: +1 800 327 6996
Australia +61 1300 656 090
Singapore +65 6590 5151
Hong Kong: +852 2738 8193

crompton-instruments.com

© 2016 TE Connectivity Ltd. family of companies. All Rights Reserved. EPP-2582-04/16

TE, TE Connectivity, the TE connectivity (logo) and Integra are trademarks of the TE Connectivity Ltd. family of companies. Crompton Instruments is a trademark of Crompton Parkinson and is used under a licence. Other logos, product and Company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this brochure are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.