

**DIN Integra 1630 Series
Digital Metering System**

NOW
with Profibus DP
Communications Option

• **Profibus™**

Multifunction Integra 1630 digital metering systems provide high accuracy 0.2% measurement, display and communication of all major electrical and power quality parameters including total harmonic distortion (THD) measurement up to the 31st harmonic. To suit user requirements, the range includes single-phase, three-phase three-wire and triple-phase four-wire capability, all selectable at the point of installation.

This DIN 96 panel mounted enclosure offers simple programming and display of up to 35 electrical measurement parameters via a simple menu-driven user interface on the front panel. Integra 1630 digital metering system benefits from optional pulsed and digital communication outputs. This allows enhanced status information of up to 60 measured parameters to be communicated to SCADA, building management or other systems. Additionally, a simple Windows-based software package is available to remotely configure the Integra and display all 60 major electrical and power quality parameters.

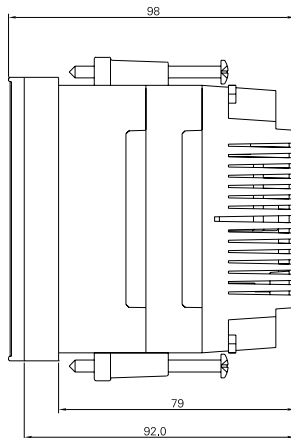


Features

- Low profile
- High contrast LED display
- 0.2% accuracy
- LED annunciators for each measured parameter

Profibus™

- User programmable system configuration (4-wire default)
- Fully programmable VT and CT ratios
- Current demand per phase
- Elapsed time counter for connected loads
- Optional bezel for very low profile applications



Product Codes

INT - XX XX - X - X - X - XXX

Product Family	System Type	Input V	Input I	Auxiliary V	Options
16	30-LED DIN96	L - 57.7 - 139 L - N (100 - 240 L - L)	5 - 5A 1 - 1A	L - 12 - 48 V DC M - 100 - 250V	000 - No Option 010 - Modbus
Low Profile	User Selectable System Type	M - 140 - 277 L - N (241 - 480 L - L)		AC/DC	100 - One Pulse 110 - One Pulse One Modbus
Features as Specified	Factory Default - 4 Wire				200 - Two Pulse 210 - Two Pulse One Modbus 050 - Profibus™ 250 + Two pulse Profibus™

Order Code Example

INT-1630-M-5-M-250

Integra 1630 digital metering system, 3-phase 4-wire, nominal input voltage, 140-277V LN (241-480V) LL, 5A CT input, auxiliary supply 100 to 250V AC or DC, two relay pulsed output and one Profibus communication port.

CT Accessories

Crompton Instruments also offer a complete range of high quality current transformers offering comprehensive measuring and protection class accuracies. The range offers a wide selection of system current ratings, busbar sizes, case widths, apertures and mounting options to every application.

Features

- Cost effective moulded case measuring current transformers
- Limited range include the seven most popular sizes of current transformers
- Ratio ratings from 30/5 to 4000/5
- Comprehensive measurement of class accuracy
- Wide range of system current ratings, busbar sizes, case widths and apertures
- Wire sealable terminal covers
- Feet mounting and busbar options



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