INFORMA PMD-A Compact
Performance measuring and monitoring device

Q

Compact footprint with Class A Power Quality - answers at the click of a button!

- **Target capital expenditure where most needed**

- **Power quality monitoring - IEC 61000-4-30 Class A (Edition 2.0)**

- **Wall mount / portable unit for fixed installations or temporary investigations**

- **Full function digital fault recording**

- **Single screen power system overview**

Product Summary

Description INFORMA PMD-A power quality monitoring Class A device in a durable compact enclosure. Single performance measuring and monitoring device with multi-functional capabilities including Class A power quality and full function fault recording. 9 analog channels available as AC or DC. Wall mountable, compact enclosure enables quick transport and install to problematic areas providing information to make informed decisions. Eliminates 90% analytical time, very easy to use.

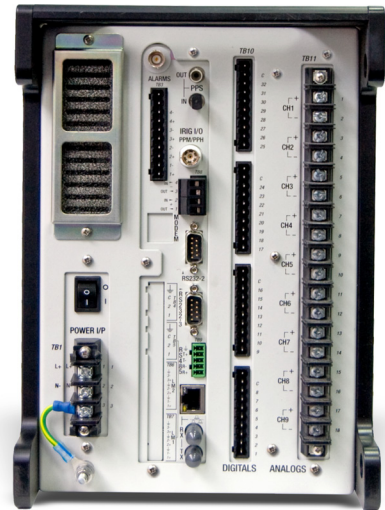**Application** Distribution substation monitoring where rack mount is not an option.

Power Standards Lab
PSL℠
CLASS A
IEC 61000-4-30 Edition 2
230V 50/60Hz

INFORMA PMD-A
PERFORMANCE MEASURING AND MONITORING DEVICE

- Healthy   - Alarm
- Comms   - Status 1
- Clock sync - Status 2
- Battery   - Status 3
- Trigger   ENTER

QUALITROL

QUALITROL®
Defining Reliability

INFORMA PMD-A Compact **Performance measuring and monitoring device**

Compact footprint with Class A Power Quality - answers at the click of a button!

- Quickly move and install where needed
- Deploy for short-term investigation such as periods of known interruptions or permanent installation where rack mount is unavailable
- Desk, wall or DIN rail mountable unit

Target capital expenditure where most needed

- Use to analyze networks to determine critical points for PQ monitoring
- Temporarily deploy to build a business case for full PQ monitoring solution

TECHNICAL SPECIFICATIONS

For a complete specification, please refer to INFORMA PMD-A bulletin IP-Q24-05L-01E.

Overview		
	Analogs / digitals	9 configurable analog channels, 32 digital inputs (isolated groups of 8)
	Alarm relays	4 form A/B relay outputs
	Status indicators	9 LEDs
	Sample rate	Sampling rate up to 25.6 kHz at 50 Hz, 30.72 kHz at 60 Hz
	Data storage	CompactFlash for record storage, 4 GB standard (8 or 16 GB optional)
Power supply		
	Input range	90 - 264 VAC (88 - 300 VDC), 47 - 63 Hz.
	Typical / maximum load	25 VA / 40 VA
	UPS	Optional. (UPS time - 15 mins)
Fast transient recording	Optional	Sample rates (configurable) 20 MHz, 10 MHz, 5 MHz, 2.5 MHz, 1.25 MHz 12-bit resolution
Time synchronization	Optional	GPS IRIG-B
Communication	Ports	Four serial ports (3 x RS-232, 1 x RS-485) Internal PSTN (V.90) modem (optional on RS-232-2) Two 100 Mb Ethernet ports with RJ45 connectors Optional fiber optic Ethernet (on rear port) Support for external GSM or GPRS devices
	Protocols	TCP/IP, Modbus, IEC 60870-5, IEC 61850, DNP3.0
Mechanical	Dimensions	H x W x D: 392.5 mm x 280 mm x 199 mm [15.5" x 11" x 7.8"]
	Weight	10.35 kg [22.82 lbs]
Mechanical	Temperature	Operating: -5°C to 50°C (23°F to 122°F)
	Humidity	0 to 95% non-condensing
	Enclosure	IP42
Compliance	Standard	IEC 61000-4-30 Class A IEC 61000-4-7 harmonics and inter-harmonics IEC 61000-4-15 flicker CBEMA, ITIC IEEE 1159, IEEE 519

QUALITROL
Defining Reliability

Email: info@qualitrolcorp.com
www.qualitrolcorp.com