HDPQ-DN

VOLTAGE
- Channels: (4), differential inputs, AC/DC
- Sampling: 512 samples/cycle, 16 bit A/D, synchronous sampling
- Range: 1-600 Vac/dc
- Full Scale Accuracy: 0-600V, +/-0.1% of reading, <40V +/-0.5%FS
- Frequency: 16/20Hz, 50Hz, 60Hz
- Harmonics: Per IEC 61000-4-7, individual harmonics to the 127th
- Input impedance: 10MΩ to ground

CURRENT
- Channels: (4), differential inputs, AC/DC
- Sampling 512 samples/cycle, 16 bit A/D
- Range: Model & CT dependent. 1.5Vrms FS, 5A or 1A
- Accuracy: 0.1% reading. Does not include CT
- Harmonics: Per IEC 61000-4-7, individual harmonics to the 63rd

DIGITAL INPUT (optional)
- Range: 0 – 200VDC
- 1KHZ sampling, Edge or level triggered,
- Logic programmed by user (active high or active low)
- Time stamped to the millisecond
- Screw terminals

MODELS AVAILABLE
- HDPQ-DN-MVS: Screw terminals for voltage and current
- HDPQ-DN-MZP: Pod connections for use with Dranetz voltage and current pods
- HDPQ-DN-MVB: Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's
- HDPQ-DN-MVSTR: Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

MEMORY
- 4GB internal flash

MONITORING COMPLIANCE
- IEC61000-4-30 Edition 3 Class A, IEC61000-4-7, IEC61000-4-15
- EN50160, NVE, IEEE1159, IEEE1453, IEEE519:2014

COMMUNICATIONS
- Standard: RJ45 TCP/IP Ethernet, USB
- Optional: 3G/4G cellular
- Protocols: XML, Modbus TCP
- Time synchronization: NTP, optional internal GPS or IRIG-B