

### Main

|                           |                         |
|---------------------------|-------------------------|
| Range                     | PowerLogic              |
| Product name              | PowerLogic ENERGY METER |
| Product or component type | Energy meter            |
| Device application        | Energy monitoring       |

### Complementary

|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| Type of measurement       | Energy consumption<br>Power<br>Peak demand power<br>Reactive power<br>Power factor<br>Voltage<br>Current |
| Measurement accuracy      | +/- 1 %                                                                                                  |
| Measurement voltage       | 300 V AC between phase and neutral<br>480 V AC between phases                                            |
| [Us] rated supply voltage | 120...277 V AC - 25...10 %                                                                               |
| Network frequency         | 50 Hz<br>60 Hz                                                                                           |
| Line Rated Current        | 800 A                                                                                                    |
| Display type              | Backlit LCD                                                                                              |
| Display size              | 1.2 x 3.8 inch                                                                                           |
| Information displayed     | Energy consumption<br>Power<br>Power maximum)<br>Reactive power<br>Power factor<br>Voltage<br>Current    |
| Local signalling          | Phase loss NC function                                                                                   |
| Number of outputs         | 1 pulse<br>1 alarm output                                                                                |
| Output voltage            | 24 V AC/DC@100 mA                                                                                        |
| Impulse duration          | 200 ms                                                                                                   |
| Number of pulse           | 4 p/kWh<br>1 p/kWh<br>10 p/kWh<br>2 p/kWh                                                                |
| Sampling rate             | 1280 Hz                                                                                                  |
| Provided equipment        | 2 x current transformer                                                                                  |
| CT size                   | 2.45 x 2.89 inch                                                                                         |
| Standards                 | ANSI C12.1                                                                                               |
| Product certifications    | UL UL 3111-1<br>CUL                                                                                      |
| Maximum Width             | 7.60 in (193 mm)                                                                                         |
| Depth                     | Meter 2.99 in (76 mm)                                                                                    |
| Maximum Height            | 8.31 in (211 mm)                                                                                         |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Isolation voltage                     | , 320 V                    |
| Relative humidity                     | 0...95 % non-condensing    |
| Ambient air temperature for operation | 32...122 °F (0...50 °C)    |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C) |

## Ordering and shipping details

|                     |                                 |
|---------------------|---------------------------------|
| Category            | 09779 - POWERLOGIC ENERGY METER |
| Discount Schedule   | PL1                             |
| GTIN                | 00785901000341                  |
| Package weight(Lbs) | 6 lb(US) (2.72 kg)              |
| Returnability       | No                              |
| Country of origin   | US                              |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|