# Product data sheet

Specifications

## PowerLogic™ ION9000T meter, HSTC, DIN mount, 192 mm display, B2B adapter, HW kit, MIA [TAA]

METSEION95040-US

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range** | PowerLogic |
| **Product or Component Type** | Energy and power quality meter |
| **Device short name** | ION95040 |
| **Product name** | PowerLogic ION9000 |
| **Device Application** | Power monitoring<br>WAGES metering<br>Net metering<br>Medium voltage<br>High voltage |
| **Metering type** | Demand current I1, I2, I3, I4, I5<br>Peak demand currents<br>Demand power P, Q, S<br>Peak demand power PM, QM, SM<br>Calculated active and reactive energy (+/- W.h, +/- VAR.h) |
| **Provided Equipment** | Remote display<br>Remote display adapter<br>Mounting instructions<br>Mounting Hardware |

## Complementary

| | |
|---|---|
| **Network Frequency** | 50 Hz<br>60 Hz |
| **Line Rated Current** | 1 A<br>5 A |
| **type of network** | 3P + N + E |
| **Display Resolution** | 800 x 480 pixels |
| **Display Type** | Remote LCD display<br>Colour touchscreen |
| **Sampling rate** | 1024 samples/cycle |
| **Measurement current** | 0.01…20 A |
| **Frequency measurement range** | 20…450 Hz |
| **Communication gateway** | Ethernet/serial |
| **Time synchronisation protocol** | GPS<br>IRIG-B<br>NTP<br>SNTP<br>PTP |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Data recording** | Time stamping<br>Min/max of instantaneous values<br>User-definable data logs<br>Continuous logging or snapshot<br>Trending/forecasting<br>Event logs<br>Alarm logs<br>Configuration change<br>Power outage<br>User login/logout<br>Data logs<br>GPS synchronisation<br>Sequence of event recording |
| **Memory capacity** | 2 GB |
| **Cybersecurity** | Syslog protocol support<br>Robust security logs<br>Port hardening<br>Enable/disable communication ports<br>Hardware metrology lock |
| **Web services** | Viewing of captured waveform<br>Web page<br>Pass/fail report for IEEE 519<br>Pass/fail report for EN 50160<br>ITIC (CBEMA) curve<br>SEMI curve<br>NEMA motor derating curve<br>Alarm notification by e-mail<br>TLS 1.2<br>Push historical data via mail |
| **Ethernet service** | DHCP client<br>Device Profile Web Services (DPWS)<br>Rapid Scanning Tree Protocol (RSTP)<br>FTP/HTTP/HTTPS |
| **Communication Service** | Compliant reports<br>Power quality summary<br>Energy report<br>EcoStruxure Power Events Analysis<br>SMTP e-mail notification<br>SNMP |
| **Tamperproof of settings** | Protected by sealable cover |
| **Width** | 6.3 in (160 mm) |
| **Depth** | 5.3 in (135.3 mm) |
| **Height** | 6.3 in (160 mm) |
| **Product Weight** | 3.3 lb(US) (1.5 kg) |
| **Market Segment** | Data center<br>Healthcare<br>Semiconductor<br>Pharmaceutical<br>Chemical<br>Energy<br>Mining |

# Environment

| | |
|---|---|
| **Ambient Air Temperature for Storage** | -40…185 °F (-40…85 °C) |
| **Installation category** | III |
| **Operating altitude** | 0...9842.52 ft (0...3000 m) |
| **Quality labels** | ISO 9001<br>ISO 14000 |

# Ordering and shipping details

| | |
|---|---|
| **Category** | US10PM109761 |

| | |
|---|---|
| **Discount Schedule** | 0PM1 |
| **GTIN** | 3606487281962 |
| **Returnability** | No |
| **Country of origin** | US |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 11.6 in (29.5 cm) |
| **Package 1 Width** | 10.4 in (26.4 cm) |
| **Package 1 Length** | 14.9 in (37.8 cm) |
| **Package weight(Lbs)** | 7.9 lb(US) (3.6 kg) |

## Compliance

| | |
|---|---|
| **Compliance** | TAA Compliant<br>BAA Compliant via COTS |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained

How we assess product sustainability

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **557 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **165 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **385 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **4 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| SCIP Number | **593f15dc-c512-4cf6-ac2d-78a614f80e12** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| California proposition 65 | **WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **6** |
| Circularity Profile | **End of Life Information** |
| Take-back | **No** |