



Ref. Certif. No.

US-32339-M2-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

CB TEST CERTIFICATE

Product

Digital Power Meter

Name and address of the applicant

POWER MEASUREMENT LTD
SCHNEIDER ELECTRIC PMC 2195 KEATING CROSS RD
SAANICHTON, BC, V8M 2A5 CANADA

Name and address of the manufacturer

POWER MEASUREMENT LTD
SCHNEIDER ELECTRIC PMC 2195 KEATING CROSS RD
SAANICHTON, BC, V8M 2A5 CANADA

Name and address of the factory

POWER MEASUREMENT LTD SCHNEIDER ELECTRIC - PMC
2195 KEATING CROSS RD SAANICHTON BC V8M 2A5
CANADA

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

PowerLogic ION9XXXX
See Page 2

Additional information (if necessary may also be reported on page 2)

The report was revised to include technical modifications.

☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61010-1:2010, IEC 61010-2-030:2017

As shown in the Test Report Ref. No. which forms part of this Certificate

E189364-D1002-1/A2/C0-CB issued on 2020-12-15

This CB Test Certificate is issued by the National Certification Body



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA



UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK



UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN



UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-01-04

Original Issue Date: 2018-08-28

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-32339-M2-UL

Model Details:

PowerLogic ION9XXXX; (Model references the ION9000 series with the order number designated with header METSE and suffix X can be a number 0-9)

Factories:

JABIL CIRCUIT DE MEXICO S DE R L DE C V

AVE VALDEPENAS 1993 LOMAS DE ZAPOPAN 45130 ZAPOPAN JAL MEXICO

WUXI PRO-FACE ELECTRONICS CO LTD

INDUSTRIAL DEVELOPMENT AREA, 51-A WUXI NATIONAL HIGH-NEW JIANGSU, 214028 CHINA

Ratings:

Auxiliary Power Supply (Control Power):

90-480 Vac $\pm 10\%$, 50/60 Hz, <80VA

90-120 Vac $\pm 10\%$, 400Hz, <58VA

110-480 Vdc, 37W

(Consumption values are indicative of a fully optioned meter)

Low-Voltage DC Power Supply (Control Power)

(Option for models ION9X1XX where X can be numbers 0-6, 8)

20-60 Vdc $\pm 10\%$, < 38W

(Consumption values are indicative of a fully optioned meter)

Voltage Measurement Inputs (5)

Measured Voltage - CAT III: UL: 600VLL; IEC: 690VLL

Frequency: 50/60 Hz $\pm 15\%$, 400 Hz $\pm 10\%$

Standard Impedance: 5 M Ω

Current Inputs (5) - CAT III

1, 2 or 5A nominal

Measured Current: 0.01A to 20A

Starting Current: 1mA

Withstand: 30A continuous, 50A @ 10 sec/ hr, 500 @ 1 sec/hr

Impedance: < 0.3m Ω

Burden: < 0.01 VA at 5A

Low Voltage CT Inputs (5) - LVLE (Option for model ION9300 series)

Input voltage range: ± 5.5 V pk

Minimum signal: 1 mV

Withstand: 30 V pk continuous

Input impedance: 200 k Ω

Digital Output – Form A (4): 30VAC/ 60VDC max, 75mA

Digital Output – Form C (2): 250VAC/ 30VDC max, 8 A at 250 V AC or 5 A at 24 V DC

Status Inputs (8): 30VAC/ 60VDC Max

(See Test Report manual for further detail of ratings information)

Additional Information:

The original report was modified to include the following changes/additions:

Add low voltage DC power supply, see test report.

Additionally evaluated to EN 61010-1:2010 and EN 61010-2-030:2010; National Differences specified in the CB Test Report.

Additional information (if necessary)



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-01-04

Original Issue Date: 2018-08-28

Signature:

Jolanta M. Wroblewska