

Issued by : NMI Certin B.V.  
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2629 JA Delft  
The Netherlands

Applicant : Schneider Electric Canada Inc.  
2195 Keating Cross Road  
Saanichton, BC V8M 2A5  
Canada

Submitted : **Static electrical energy meter**

Manufacturer : Schneider Electric  
Type : PowerLogic PM8000 (METSEPM 8xxx)  
Destined for the measurement of : Electrical active / reactive energy in a  
- three-phase four-wire network  
- three-phase three-wire network

In accordance with : See page 2

Characteristics : See page 3

The undersigned declares that the described product is tested according to the standards as referred to on page 2 and meet their requirements, based on a non-recurrent examination. The appertaining test data is presented in the type evaluation reports NMI-3195407-01, NMI-3195407-02, NMI-3195407-03, NMI-3195407-04, NMI-3600522-01, NMI-2528595-01b and NMI-2553437-02 issued by NMI, and including external test reports 12046-1E and 16741-1E issued by LabTest Certification Inc, Canada and E189364-D1000-1/A3/C2-CB issued by UL.

NMI Certin B.V.  
26 March 2024

Certification Board

**IEC 62052-11: 2020**

"Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment"

**IEC 62053-22: 2020**

"Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S)"

**IEC 62053-24: 2020**

"Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)"

**IEC 62052-31: 2015**

"Electricity metering equipment (AC)-General requirements, tests and test conditions- Part 31: Product safety requirements and tests"

**IEC 61000-4-19: 2014**

"Electromagnetic compatibility (EMC) - Part 4-19: Testing and measurement techniques - Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports";

<b>Characteristics of the measuring instrument</b>	
Model	PM8000 (METSEPM 8xxx)
Accuracy class	0,25 for active energy (IEC 62053-22) 0,55 for reactive energy (IEC 62053-24)
Destined for the measurement of	electrical energy, in a - three-phase four-wire network - three-phase three-wire network
$U_{n-min}$ $U_{n-max}$	3 x 57/ 100 V 3 x 400/ 690 V
$I_n$	5 A
$I_{max}$	10 A
$f_{ref}$	50 and 60 Hz
Relevant product standards	IEC 62052-31:2015
Classification of installation and use	OVC III / CAT III
Environmental conditions	Operation : -25 °C ... +70 °C Storage : -40 °C ... +85 °C Altitude : up to 3000 m Pollution degree : 2 (indoor) Location : dry
Degree of protection	IP 54 (Panel mount and Remote display, front)
Protective class	II
Rated impulse voltage	Up to 6 kV (BI) or 8kV (RI/DI)
Software version	004.xxx.xxx, with x being any number
Hardware version	IO board: MFR3370329 CVM board: MFR3370629 PSU board: MFR3370429 PSU LV-DC-DC board: QGH244130
<b>Aux Power supply</b>	
AC/DC Power supply	90 - 415 VAC / 110 - 415 VDC
LV DC Power supply	20 – 60 VDC
Rated Frequency	50/60 Hz