

# Declaration of Conformity

## Range: PM55xx Products : PM5560, PM5563



We, the undersigned, declare that we performed conformity assessment activities, and that the obtained results demonstrate the conformity<sup>1</sup> of the products declared herein to the specified characteristics listed below:

<sup>1</sup> when subject to correct installation, maintenance and use conforming to their intended purpose, according to applicable regulations and standards in the country where they are installed, to the supplier's instructions and to accepted rules of the art

### 1. Regulatory Compliance

Characteristic	Reference standard	Level
CE Mark	IEC 61010-1 Ed 3 & IEC 62052-11	CE Mark, LV Directive and EMC Directive
UL US and Canada	UL 61010	cULus

### 2. Mechanical characteristics

Characteristic	Reference standard	Level
IP degree	IEC 60529	Front panel IP52 (PM5560); Back IP30 (excluding terminals)

### 3. Electrical characteristics

Characteristic	Reference standard	Level
Measurement Accuracy	IEC 61557-12	PMD/[SD SS]/K70/0.2
Active Energy accuracy	IEC62053-22 ANSI C12.20	Class 0.2 S Class 0.2
Reactive Energy	IEC 62053-23	Class 2

### 4. Environmental Characteristics

Characteristic	Value	class acc. to IEC 61557-12	class acc. to IEC 60721-3-x
Temperature rated operating range (with specified uncertainty)	-25 °C to +70 °C	K70	3K8H
Temperature limit range of operation (no hardware failures)	-25 °C to +70 °C		3K8H
Temperature limit range for storage / shipping	-40 °C to +85 °C		1K5 / 2K4
Humidity rated operating range (with specified uncertainty)	0 to 75 % RH	Standard conditions	---
Humidity limit range of operation for 30 days/year	0 to 90 % RH		---
Humidity limit range for storage and shipping	0 to 90 % RH		---
Altitude	0 to 3000 m		---

### 5. EMC (Electromagnetic compatibility)

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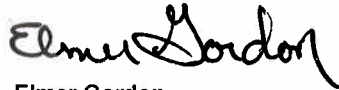
Characteristic	Reference standard
EMC emission	IEC 61326-1 / CISPR 11
EMC immunity	IEC 61326-1
Harmonic current emissions	IEC 61000-3-2
Flicker (voltage fluctuation) limits	IEC 61000-3-3
Electrostatic discharge	IEC 61000-4-2
Immunity to radiated fields	IEC 61000-4-3
Immunity to fast transients	IEC 61000-4-4
Immunity to surge	IEC 61000-4-5
Conducted immunity 150kHz to 80MHz	IEC 61000-4-6
Immunity to magnetic fields	IEC 61000-4-8
Immunity to voltage dips	IEC 61000-4-11
Immunity to damped oscillatory waves	IEC 61000-4-12
Radiated emissions	FCC part 15, EN55022 Class B
Conducted emissions	FCC part 15, EN55022 Class B

## 6. Safety

Characteristic	Reference standard	Level
Product safety	IEC 61010 Ed. 3	Overvoltage / Measurement category III, Pollution degree 2, protective class 2
Europe	LVD compliance (EN61010-1:2010)	
U.S. and Canada	cULus (UL61010-1:2012, CSA22.2 No.61010-1-12)	
Protective class	Protective class II.	Double insulated for user accessible parts.

Date: November 26, 2013

Signature:



**Elmer Gordon**  
Customer Satisfaction & Quality