

EC DECLARATION OF CONFORMITY

The undersigned, representing the following manufacturer:

Name: **e-distribuzione S.p.A.**
Address: Via Ombrone, 2
c.a.p. and city: 00198 – Roma – ITALIA

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Herewith declares that the product:

Product Identification: **Low Voltage Manager "LVM"**

Characteristics:

- **Power Supply: 3N~220/127V-400/230V, fn = 50Hz, In = 0,25A**
- **Power Line Communication interface PLC in band "A"**
- **Optical Interface**
- **1 x RS232**
- **2 Ethernet port for external terminals connection**
- **16 pin pitch 2,54 mm "female" connector for GSM/GPRS (or dummy) module**
- **10 pin pitch 2,54 mm "male" connector for RF module**

It is in conformity with the provisions of the following EC directive(s) (including all applicable amendments):

- **European Directive 2014/53/EU (Radio Equipment Directive – RED)**

Note: The RED directive includes conformity with European Directive 2014/30/EU (Electromagnetic Compatibility-EMC) and European Directive 2014/35/EU (Low Voltage Directive –LVD)

References of harmonized standards applied for this declaration of conformity:

- **EN 60950-1(2006+A11:2009+A1:2010+A12:2011):** Safety of information technology equipment.
- **CEI EN 61000-3-2:2014:** Electromagnetic compatibility(EMC) Part 3-2: Limits–Limits for harmonic current emissions (equipment input current=16A per phase)
- **CEI EN 61000-3-3:2013:** Electromagnetic compatibility(EMC) Part 3-3: Limits-Limitation of voltage changes, voltage fluctuation and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16A per phase and not subject to conditional connection
- **EN 55032(2015):** Electromagnetic compatibility of multimedia equipment – Emission requirements-.
- **EN 55024(2010+AMD1:2015):** Information technology equipment; Immunity characteristics; Limits and methods of measurements.
- **EN 50364(2010-2):** Limitations of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications.
- **ETSI EN 300 330 -v 2.1.1-(2017-2):** Short Range Devices (SRD); Radio equipment in the frequency range 9kHz to 25MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonized Standards covering the essential requirements of article 3.2 of Directive 2014/53/EU.
- **ETSI EN 301 489-3 -V 2.1.1(2017-3):** Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonized standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.

The IMQ notified body with accreditation number 0051 has carried out the EU Type Examination activity, as required by Annex III (Module B) and issued the EU-type examination certificate n° 0051-RED-0117.

Roma, 16/07/2020

e-distribuzione S.p.A.
Head of Smart Meter Network Technology Italy
Gianni Ceneri