LANSEN

EU Declaration of Conformity

Product description:
Mains Converter from Wired to Wireless M-BUS with support for up to a specific number of units (NBR) and optional external antenna (X)

Order code:
LAN-WMBUS-MA-NBR
LAN-WMBUS-MA-NBR-X

This declaration of conformity is issued under the sole responsibility of the manufacturer. We certify that the apparatus detailed above is in conformity with following directives:

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2011/65/EU (EU) 2015/863

by application of the following harmonised standards:

EN 300 220-1 V3.1.1 (2017-02)
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement

EN 300 220-2 V3.1.1 (2017-02)
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment

EN 300 220-2 V3.2.1 (2018-06)
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment

EN 301 489-1 V2.2.3 (2019–11)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility

EN 301 489-3 V2.1.1 (2019-03)
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; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

EN 61000-6-1 (2019)
Electromagnetic compatibility (EMC) - Part 6-1: Generic standards – Immunity standard for residential, commercial and light-industrial environments.

EN 61000-4-2 (2009)
Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test

EN 61000-4-3 (2006), /A1:2008, /A2:2010
Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement - Radiated, radio-frequency, electromagnetic field immunity test

EN 61000-4-4 (2012)
Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

EN 61000-4-5 (2014)
Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test

EN 61000-4-6 (2014)
Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

EN 61000-4-11 (2004)
Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests

EN 62368-1:2020
Audio/video, information and communication technology equipment - Part 1: Safety requirements.

EN 63000:2018
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.

Third-Party Test House
RISE Research Institute of Sweden AB.
Identification number 1002
Certificate registration number: 2P00980-E4, 2P00980-R4

Lansen Systems AB

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