

EU Declaration of Conformity

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

CARLO GAVAZZI CONTROLS SPA,
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declare that the product(s)

3-Phase IOT Energy Management System
EMS10AV2S1X, EMS10AV2O1X,
EMS10AV5S1X, EMS10AV5O1X,
EMS10MV5S1X, EMS10MV5O1X
 (may be followed by other suffixes)

is (are) in conformity with the applicable essential requirements of the following Directives:

RED Directive 2014/53/EU

Radio (Article 3.2)

EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

EMC (Article 3.1 b)

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

EN 301 489-17 V3.2.6 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband and Wideband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
EN 62052-11:2021/A11:2022 Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment
EN 62053-21:2021/A11:2021 Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)

Health and Safety (Article 3.1 a)

EN 61010-1:2010/A1:2019/AC:2019-04 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
EN 62311:2020 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)

Cybersecurity (Article 3.3 d)

EN 18031-1:2024 Common security requirements for radio equipment - Part 1: Internet connected radio equipment

RoHS Directives 2011/65/EU, 2015/863/EU

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



CE marking: design and manufacturing follow the provisions of the European Directives above mentioned

Manufacturer

Place/date

Belluno, 6/1/2026

Firmato da:

Signature
Name

Fabrizio Merz
 Fabrizio Merz
 (General Manager)