



EU Declaration of Conformity

Product: FdxCompact Substation

Order code: FX-3000-C

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:

- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU

If equipped with WiFi interface also following directive:

- Radio Equipment Directive (RED) 2014/53/EU

by application of the following harmonised standards:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
Information technology equipment. Safety. General requirements.

EN 62479:2010
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

EN 301 489-1 V2.2.0
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU.

EN 301 489-17 V3.2.0
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.

EN 55032:2012
Electromagnetic compatibility of multimedia equipment - Emission Requirements.

EN 55024:2010
Information technology equipment - Immunity characteristics - Limits and methods of measurement.

EN 61000-3-2:2014
Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).

- EN 61000-3-3:2013 Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.
- EN61000-6-3:2007+A1:2011 Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.
- EN50491-5-1:2010 General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements, conditions and test set-up.
- EN50491-5-2:2010 General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements for HBES/BACS used in residential, commercial and light industry environment.
- EN 300 328 V2.1.1 (2016-11) Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.
- EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.

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Signed: Fidelix Oy



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