

Single-phase EV charger protection unit

EU Declaration of Conformity (DoC)

Ref : SP-EVCP-01-2020

We

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Declare that this DoC is issued under the sole responsibility of the manufacturer.

Apparatus model/Product: SP-EVCP
 Type: Single Phase Electric Vehicle Charger Protection

Object of the declaration

Electric Vehicle Charger	SP-EVCP-T(C) SP-EVCP-M(C) SP-EVCP-R(C) SP-EVCP-B(C) SP-EVCP-RB(C)
Protection units	IP-EVCP-T(C) IP-EVCP-M(C) IP-EVCP-R(C) IP-EVCP-RB(C)

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Low Voltage Directive (2014/35/EU)

The following harmonised standards and technical specifications have been applied:

Emissions

EN60255-1 2010 Emissions standard for Measuring Relays and Protection Equipment
 EN60255-26 2013
 EN55011 2016 + A1:2017 Emissions Standard for ISM Equipment
 EN55032 2012 Emissions Standard for Multimedia Equipment

Immunity

EN60255-1 2010 Emissions standard for Measuring Relays and Protection Equipment
 EN60255-26 2013
 EN61000-4-2 2009 ESD Requirements
 EN61000-4-3 2006 + A1 + A2 Radiated Susceptibility
 EN61000-4-4 2012 Electrical Fast Transient Burst Requirement
 EN61000-4-5 2006 Surges Requirements
 EN61000-4-6 2009 Conducted Susceptibility
 EN61000-4-11 2004 Voltage Dips and Interruptions
 Following the provisions of EU EMC Directive 2014/30/EU

EN61439-1 2:2012 3:2012 Low-voltage switchgear and controlgear assemblies.
 EN60947-4-1 Low-voltage switchgear and control gear
 EN61009-1 Residual current operated circuit-breakers with integral overcurrent
 EN61008-1 Residual current operated circuit-breakers without integral overcurrent
 EN 60898-1:2019 Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation

Signed for and on behalf of: matt:e Ltd

Place of issue

Lichfield, England

Date

17 Jan 2021

J Charlton, Director