

Agrate Brianza (MB), Italy, November 4, 2022/ *Agrate Brianza (MB), 4 novembre 2022*

EU DECLARATION OF CONFORMITY
DICHIARAZIONE DI CONFORMITÀ UE

We,
Noi,

Manufacturer / *Fabbricante:* STMICROELECTRONICS srl
Address / *Indirizzo:* Via Camillo Olivetti 2
20864 Agrate Brianza (MB), Italy

declare under our sole responsibility that the equipment
dichiariamo sotto la nostra unica responsabilità che l'apparecchiatura

Object of the Declaration:
(Identification of the equipment)
Oggetto della Dichiarazione:
(identificazione dell'apparecchiatura)

Inrush current limiter for active AC-DC bridge rectifier.

Type/Model:
Tipo/Modello:

STEVAL-SCR002V1

Variants:
Varianti:

-

Intended use:
Impiego previsto:

The STEVAL-SCR002V1 evaluation board introduces a simple and innovative AC/DC front-end and a solution to drive SCRs at the low side of the system without the need of an insulated power supplies using only few SMD discrete components in a compact layout. It is designed to be easily implemented on existing PFC or fly-back transformers and usefully replaces relays commonly found in power converters to bypass the inrush current limiting resistor.

is in conformity with the essential requirements of the Directive 2014/30/EU (EMC), of the Directive 2014/35/EU (LVD) and of the Directive 2015/863/EU (RoHS).

è conforme ai requisiti essenziali della Direttiva 2014/30/UE (EMC), della Direttiva 2014/35/EU (LVD) e della Direttiva 2015/863/UE (RoHS).



life.augmented

The product has been tested according to the following standards or technical specifications:

Il prodotto è stato testato in base alle seguenti norme o specifiche tecniche:

1. Directive 2014/30/EU, Annex I, point 1, letter (a): Emissions
Allegato I, punto 1, lettera (a): Emissioni
 - EN 55032:2015 +A1:2020
 - EN IEC 61000-6-3:2021
 - EN IEC 61000-3-2:2019

2. Directive 2014/30/EU, Annex I, point 1, letter (b): Immunity
Allegato I, punto 1, lettera (b): Immunità
 - EN 55035:2017 +A11:2020
 - EN IEC 61000-6-1:2019
 - EN 61000-3-3:2013 + A1:2019

3. Directive 2014/35/EU, Annex I, point 1 to 3: Safety objectives for electrical equipment
Allegato I, punti da 1 a 3: Obiettivi di sicurezza del materiale elettrico
 - EN IEC 62368-1:2020+A11:2020

4. Requirements of Directive 2015/863/EU (RoHS III), towards the maximum tolerated concentrations of the substances listed in Annex II:
Requisiti della Direttiva 2015/863/UE (RoHS III), nei confronti delle concentrazioni massime tollerate delle sostanze elencate nell'Allegato II:
 - EN IEC 63000:2018

Signature:

Firma:

A handwritten signature in black ink, appearing to read 'Mancuso'.

Massimo Mancuso

System Research and Applications Marketing, Operations & QMS Director