

EU Declaration of Conformity

We manufacturer

CARLO GAVAZZI LTD.,

BLB042, Bulebel Industrial Estate, Zejtun, ZTN3000, MALTA. Tel: +356 23601101 - Fax: +356 23601111

declare that the product(s)

Communication Controller for RG Solid State Relay: NRGC, NRGC-PN, NRGC-EIP

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

Low Voltage Directive 2014/35/EU

EN 60947-5-1: 2017

Low-voltage switchgear and control gear. Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit

EMC Directive 2014/30/EU

**EN 60947-5-1: 2004
Amd.1: 2009**

Low-voltage switchgear and control gear. Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit

RoHS Directive 2011/65/EU and 2015/863/EU amendment

EN 50581: 2012

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 within the above mentioned European Directives.

for the Manufacturer

Place/date Malta, 27th November 2020

Signature



Name Darren Harrison
(Director of Switches Division)

Notes:

This Manufacturer's Declaration of Conformity is only valid under the condition that:
The above-mentioned product is installed as prescribed in the installation documentation, connected to RG_N end devices and protected against accidental touch.
Conformity with the RoHS requirements is subject to supplier declarations and/or signed contractual agreements.
It shall be the responsibility of the system integrator to ensure that the system containing the above component complies with the applicable rules and regulations for their system.
The manufacturer recommends that supply lines to this component are installed together (ie. two core cable) to maintain the RFI susceptibility.
The manufacturer recommends that within the system the REF signals from RG_N devices are connected when RG_N devices are used with loads of <1A.
When exposed to high voltage transients; a frame error rate of up to 0.25% is deemed allowable performance on the Internal bus communication.

