

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)

RG Solid State Relay Series' :

**RGC1A*, RGC1B*, RGS1A*, RGS1B*, RGH1A*, RGC1S, RGS1S,
RGC1FA, RGC1FS, RGC2A*, RGC3A*, RGCM2A and RGCM3A**

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

Low Voltage (LVD) Directive 2014/35/EU

EN 60947-4-2: 2012

Low-voltage switchgear and control gear. Part 4-2: Contactors and motor starters
- AC semiconductor controllers and contactors for motor loads

EN 60947-4-3: 2014

Low-voltage switchgear and control gear. Part 4-3: Contactors and motor starters
- AC semiconductor controllers and contactors for non-motor loads

Electro-Magnetic Compatibility (EMCD) Directive 2014/30/EU

EN 60947-4-3: 2014

Low-voltage switchgear and control gear. Part 4-3: Contactors and motor starters
- AC semiconductor controllers and contactors for non-motor loads

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, 18th August 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 products are installed as prescribed in the installation documentation, protected against accidental touch and fitted to a heatsink which is connected to ground.
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 control terminals shall be supplied by a power limited (short-circuit rating limit <1500VA) secondary circuit, if not then additional suppression maybe required.
It is recommended that the control lines to this component are installed together (ie. two core cable) to ensure the RFI susceptibility level is maintained.
The system containing this product may require a mains filter to be installed.
(*) Refer to page 2 for additional conformance.



EU Declaration of Conformity of Interoperability Constituents

We manufacturer

CARLO GAVAZZI LTD.,

BLB042, Bulebel Industrial Estate, Zejtun, ZTN3000, MALTA. Tel: +356 23601700

Declare under our sole responsibility that the following models of interoperability constituents:

RG Solid State Relay Series' :
RGC1A, RGS1A, RGH1A, RGC1B, RGS1B
and DC control (*) variants of; RGC2A, RGC3A

To which this declaration refers are in conformity with the relevant Union laws:

Rail System Interoperability (RSID) Directive 2008/57/EC

EN 50155: 2007 / AC: 2012	Railway applications – Electronic equipment used on rolling stock
EN 45545-2: 2013 / A1: 2015	Railway applications – Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components

Electro-Magnetic Compatibility (EMCD) Directive 2014/30/EU

EN 50121-3-2: 2016	Railway applications – Electromagnetic compatibility. Part 3-2: Rolling stock - Apparatus
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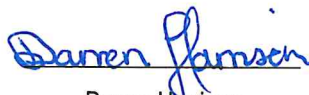


CE marking: Design and manufacturing follows the provisions of the products' specific European Directives and Standards.

for the Manufacturer

Place/date Malta, 18th August 2020

Signature



Name

Darren Harrison
(Director of Switches Division)

Conditions of use:

This Manufacturer's Declaration of Conformity is only valid under the condition that:
The above-mentioned products are installed as prescribed in the installation documentation, protected against accidental touch and fitted to a heatsink.
The heatsink is installed with a connection to ground, if this connection is via a cable then this should be <0.5metres in length to ensure the RFI susceptibility level is maintained.
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 above-mentioned products were designed according to product specific standards EN 60947-4-2 and EN 60947-4-3, hence when applying these products to Railway applications:
Annex G of EN50155 for non-railway designed electronic equipment was adopted to make this declaration.
(* Monitoring models of RGC2 / RGC3, catalogue numbers ending with _M are not included within this Railway declaration.
The control terminals shall be supplied by a power limited (short-circuit rating limit <1500VA) secondary circuit, if not then additional suppression may be required.
It is recommended that the control lines to this component are installed together (ie. two core cable) to ensure the RFI susceptibility level is maintained.
The system containing this product may require a mains filter to be installed.

