

EU Declaration of Conformity of Interoperability Constituents

We the manufacturer

CARLO GAVAZZI LTD.,

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

Semiconductor Controller – RG Solid State Contactor 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

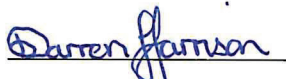
Electro-Magnetic Compatibility (EMCD) Directive 2014/30/EU

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, 25 th October 2021
Signature	
Name	Darren Harrison (Director of Switches Division)

Conditions of use:

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 for Railway applications Annex G of EN50155 for non-railway designed electronic equipment was adopted throughout.
The heatsink is installed with a connection to ground, if this connection is via a cable, then it should be <0.5metres in length.
(* Monitoring models of RGC2 / RGC3, catalogue numbers ending with _M are not included within this Railway declaration.

