

# EU Declaration of Conformity

We authorised representative

**CARLO GAVAZZI LTD.,**

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

declare that the product(s)

## **RM / RAM Solid State Relay Series' :**

**RM1A, RM1B, RAM1A\_G, RAM1B\_G, RAM1A\_M, RAM1A\_MP**

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

### **Low Voltage 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

### **EMC 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



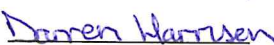
CE marking: Design and manufacturing follow the provisions within the above-mentioned European Directives.

for the Authorised representative

Place/date

Malta, 1<sup>st</sup> April, 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 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.

(\*) For models RAM1A\_M & RAM1A\_MP; Motor load standard EN60947-4-2 does not apply.



ISO9001 Cert. No.  
ITA/QMS/00155



ISO14001 Cert. No.  
ITA/EMS/00157