

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)

RAM Solid State Relay Series' :

RAM1A, RAM1B, RAM1A_Z, RAM1B_Z

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 61000-6-2: 2005

Electromagnetic compatibility (EMC) - Part 6-2: Generic standards
- Immunity standard for industrial environments

EN 61000-6-4: 2007 / A1:2011

Electromagnetic compatibility (EMC) - Part 6-4: Generic standards
- Emission standard for industrial environments

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



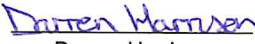
CE marking: Design and manufacturing follow the provisions within the above mentioned European Directives.

for the Authorised representative

Place/date

Malta, 1st 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 maybe required.
The control lines to this component must be installed together (ie. two core cable) to maintain the RFI susceptibility.
The system containing this product may require a mains filter to be installed.
The power circuit of the above mentioned component may require external suppression (not applicable to _Z variants) to be connected across the power terminals.

