



# Certificate of Compliance

**Certificate:** 80049485

**Master Contract:** 204075

**Project:** 80049485

**Date Issued:** 2020-09-30

**Issued To:** Carlo Gavazzi Ltd.  
BLB042 Bulebel Ind. Estate  
Zejtun, ZTN3000  
Malta

*The products listed below are eligible to bear the CSA Mark shown*

**Issued by:** *Khalil Ouldchama*  
Khalil Ouldchama, P. Eng.



## **PRODUCTS**

CLASS - C321106 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Miscellaneous

Solid state relay, open type, series RM1D, models RM1D060D10, RM1D060D20, RM1D060D50, RM1D060D100, RM1D200D20, RM1D200D30, RM1D200D50 and RM1D500D10 may be followed by "Blank" or by suffixes.

### Electrical Output Rating:

Models	Voltage Rating	Max. current rating at Ambient Air Temperature at 40°C
RM1D060D10	0.06-60 Vdc	10 A, General Use, 6000 cycles endurance testing
RM1D060D20	0.06-60 Vdc	20 A, General Use, 6000 cycles endurance testing
RM1D060D50	0.06-60 Vdc	50 A, General Use, 6000 cycles endurance testing
RM1D200D20	0.20-200 Vdc	20 A, General Use, 6000 cycles endurance testing
RM1D200D30	0.20-200 Vdc	30 A, General Use, 6000 cycles endurance testing
RM1D500D10	0.50-450 Vdc	10 A, General Use, 6000 cycles endurance testing
RM1D200D50	0.20-200 Vdc	50 A, General Use, 6000 cycles endurance testing
RM1D060D100	0.06-60 Vdc	100 A, General Use, 6000 cycles endurance testing



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Electrical Input Ratings: Control voltage - 4 to 32 Vdc, max. current 15mA.

Accessories: Heatsinks to be used with models:

Models	Heatsink	Thermal Resistance
RM1D060D20	RHS100	3.1°C/W
RM1D060D50	RHS45C	2.2°C/W
	RHS301F	0.28°C/W
RM1D060D100	RHS301	0.82°C/W
	RHS28011	0.12°C/W
RM1D500D10	RHS100	3.1°C/W
	RHS45B	1.85°C/W
RM1D200D20	RHS45C	2.2°C/W
	RHS540F	0.65°C/W
RM1D200D30	RHS100	3.1°C/W
	RHS301	0.82°C/W
RM1D200D50	RHS301	0.82°C/W
	RHS28011F	0.12°C/W

Note:

1. Open type devices should be mounted in enclosures having adequate strength and thickness in the intended manner and with acceptable spacings being provided.
2. The terminals are to be factory wired only and the suitability of the connections including spacings between factory connectors shall be determined in the end-use.
3. To ensure the heat transfer between the used heatsink surface and devices surface, the Thermally conductive silicone paste as heat transfer material or equivalent shall be provided.
4. Solid state relays RM1D, open type is to be used with heat sink (aluminum), see accessories above.

**APPLICABLE REQUIREMENTS**

CSA-C22.2 No. 0-10 - General Requirements - Canadian Electrical Code, Part II  
CSA C22.2 No. 14-18 - Industrial Control Equipment



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80049485	2020-09-30	Certification of solid state relay RM1D series, rated up to 500 Vdc and up to 100A max., Open type. In accordance with CSA C22.2 No. 14-18, CSA Class 3211-06.