



Certificate of Compliance

Certificate: 70018805

Master Contract: 204075

Project: 70018805

Date Issued: February 3, 2015

Issued to: Carlo Gavazzi Ltd.

**BLB042 Bulebel Industrial Estate
Zejtun ZTN3000,
Malta
Attention: Thomas Ellul**

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



Pierre-Luc Avoine

Issued by: Pierre-Luc Avoine, Eng.

PRODUCTS

CLASS 3211 07 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

Solid state relays, for AC general use, Cat Nos. RF, followed by 1, followed by A or B, followed by 23, followed L, M or D, followed by 25, maybe followed by suffixes.

Electrical Specifications:

Output ratings:

Cat. No.	x designator	z designator	Max. current rating @ 40°C Surrounding Air Temp.	Max. current rating @ 80°C Surrounding Air Temp.
RF1x23z25	A or B	L, M or D	25 A	10 A

Note: Linear Interpolation shall be used to calculate the value of the maximum current rating at a given temperature (Surrounding Air Temperature) between 40°C and 80°C.

Control (input) ratings:



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Model		Control voltage (input voltage)	Maximum control current (input current)
RF1Ax	Control terminals A1, A2	L - 4.25 to 9 V dc (Class 2)	L - 16.5 mA
		M - 9 to 18 V dc (Class 2)	M - 12.5 mA
		D - 18 to 28.8 V dc (Class 2)	D - 13 mA
RF1Bx	Control terminals A1, A2	L - 4.5 to 9 V dc (Class 2)	L - 18.5 mA
		M - 11 to 18 V dc (Class 2)	M - 12.5 mA
		D - 18 to 28.8 V dc (Class 2)	D - 13 mA

Endurance ratings: 100,000 cycles

Heatsink:

Model	Thermal Resistance	Heatsink reference no.
RF1x23z25	<1.5K/W	RHS90A – please refer to Illustration No. 2

Notes:

1. Model designation is completed with digits indicating electrical and mechanical details.
2. The terminals are suitable for factory wiring only.
3. The current rating may vary depending on the external heat sink recommended by manufacturer according to the derating curve provided with each relay.
4. These devices are certified as open type components where the suitability of the combination, in the final application, is determined by CSA Group.

APPLICABLE REQUIREMENTS

- CSA C22.2 No. 0-10 – General requirements – Canadian Electrical Code, Part II
- CSA-C22.2 No. 14-13 – Industrial Control Equipment