Certificate of Compliance

Certificate:	1436057	**Master Contract:**	204075
Project:	80280505	**Date Issued:**	2025-12-19
Issued to:	**Carlo Gavazzi Ltd.** **BLB042 Bulebel Ind. Estate** **Zejtun, Zejtun ZTN3000** **Malta**	**Issued by:**	*Khalil Ouldchama* Khalil Ouldchama

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

PRODUCTS

Class 3211 07 INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus
Class 3211 26 INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Miscellaneous

Solid state Relays

Model RZ3A(B)....(P).... and Model RZ3A(B)....N.....

Model(s)
Model RZ3A(B)....(P)...., and Model RZ3A(B)....N.....

Solid state relays, model RZ3 followed by A or B, followed by 40, 48 or 60, followed by LD, D or A, followed by 25, 40, 55 or 75 followed by blank or P, may be followed by four alphanumeric digits, may be followed by “#” or “P111”, three phases, 50/60Hz, open type, general use, ac motor controller, encapsulated, control voltages 5Vdc, 4-32Vdc or 24-275Vac/24-50Vdc, operational voltages 400Vac, 480 Vac and 600Vac, operational currents 25A, 40A, 55A, 65A and 75A.

Solid state relays, model RZ3 followed by A or B, followed by 40, 48 or 60, followed by D, LA or HA, followed by 25, 40, 55 or 75, followed by N, may be followed by P, may be followed by HT, may be followed by four alphanumeric digits, may be followed by “#” or “P111”, three phases, 50/60Hz, open type, general use, ac motor controller, encapsulated, control voltages 4-32 Vdc, 18-36 Vac or 90-280 Vac, operational voltages 400Vac, 480Vac and 600Vac, operational currents 25A, 40A, 55A and 75A.

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Model	3 Phase HP (A)				
	120 Vac	240 Vac	400 Vac	480 Vac	600 Vac
RZ3x40y25	¾ (6.4 FLA, 50 LRA)	1 ½ (6 FLA, 40 LRA)	3 (6.1 FLA, 43 LRA)	--	--
RZ3x48y25				3 (4.8 FLA, 32 LRA)	--
RZ3x60y25					5 (6.1 FLA, 36.8 LRA)
RZ3x40y40	1 ½ (12 FLA, 80 LRA)	3 (9.6 FLA, 64 LRA)	5 (9.7 FLA, 61 LRA)	--	--
RZ3x48y40				7 ½ (11 FLA, 63.5 LRA)	--
RZ3x60y40					10 (11 FLA, 64.8 LRA)
RZ3x40y55	1 ½ (12 FLA, 80 LRA)	3 (9.6 FLA, 64 LRA)	5 (9.7 FLA, 61 LRA)	--	--
RZ3x48y55				7 ½ (11 FLA, 63.5 LRA)	--
RZ3x60y55					10 (11 FLA, 64.8 LRA)
RZ3x40y75	3 (19.2 FLA, 128 LRA)	5 (15.2 FLA, 92 LRA)	10 (18 FLA, 107 LRA)	--	
RZ3x48y75				10 (14 FLA, 81 LRA)	15 (17 FLA, 93 LRA)
RZ3x60y75					

Control circuit supply voltage:

- 24-275 Vac or/and 24–50 Vdc (for RZ3_A version)
- 5 Vdc, 7-20 mA (for RZ3_LD version)
- 4-32 Vdc, 15-35 mA (for RZ3_D version)
- 18-36 Vac, 15-20 mA (for RZ3_LA version)
- 90-280 Vac, 7-20 mA (for RZ3_HA version)

Standard Fault:

Series	Maximum FLA	Short circuit current	Voltage	Class RK5
RZ3_25	6.4 A	5 kA	600 V	30 A
RZ3_40	12 A	5 kA	600 V	60 A
RZ3_55	12 A	5 kA	600 V	60 A
RZ3_75	19.2 A	5 kA	600 V	80 A

Short circuit current rating:

“Suitable For Use on a Circuit Capable of delivering Not More Than Symmetrical Amperes, 600 Volts Maximum When Protected by Fuses Class ____ rated Not More Than ____ Fuses only“ or equivalent.

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Series	Maximum FLA	Short circuit current	Voltage	Fuse	Class
RZ3_25	6.4 A	65 kA	600 V	30 A	J,CC
RZ3_40	12 A	65 kA	600 V	30 A 50 A	CC J
RZ3_55	12 A	65 kA	600 V	30 A 50 A	CC J
RZ3_75	19.2 A	65 kA	600 V	30 A	CC
				70	J

Model	3 Phase HP (A)				
	120 Vac	240 Vac	400 Vac	480 Vac	600 Vac
RZ3x40y25N	¾ (6.4 FLA, 50 LRA)	1 ½ (6 FLA, 40 LRA)	3 (6.1 FLA, 43 LRA)	--	--
RZ3x48y25N				3 (4.8 FLA, 32 LRA)	--
RZ3x60y25N					5 (6.1 FLA, 36.8 LRA)
RZ3x40y40N	1 ½ (12 FLA, 80 LRA)	3 (9.6 FLA, 64 LRA)	5 (9.7 FLA, 61 LRA)	--	--
RZ3x48y40N				7 ½ (11 FLA, 63.5 LRA)	--
RZ3x60y40N					10 (11 FLA, 64.8 LRA)
RZ3x40y55N	1 ½ (12 FLA, 80 LRA)	3 (9.6 FLA, 64 LRA)	5 (9.7 FLA, 61 LRA)	--	--
RZ3x48y55N				7 ½ (11 FLA, 63.5 LRA)	--
RZ3x60y55N					10 (11 FLA, 64.8 LRA)
RZ3x40y75N	3 (19.2 FLA, 128 LRA)	5 (15.2 FLA, 92 LRA)	10 (18 FLA, 107 LRA)	--	
RZ3x48y75N				10 (14 FLA, 81 LRA)	15 (17 FLA, 93 LRA)
RZ3x60y75N					

Control circuit supply voltage:

- 24-275 Vac or/and 24–50 Vdc (for RZ3_A version)
- 5 Vdc, 7-20 mA (for RZ3_LD version)
- 4-32 Vdc, 15-35 mA (for RZ3_D version)
- 18-36 Vac, 15-20 mA (for RZ3_LA version)
- 90-280 Vac, 7-20 mA (for RZ3_HA version)

Standard Fault:

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Series	Maximum FLA	Short circuit current	Voltage	Class RK5
RZ3_25N	6.4 A	5 kA	600 V	30 A
RZ3_40N	12 A	5 kA	600 V	60 A
RZ3_55N	12 A	5 kA	600 V	60 A
RZ3_75N	19.2 A	5 kA	600 V	80 A

Short circuit current rating:

“Suitable For Use on a Circuit Capable of delivering not more Than Symmetrical Amperes, 600 Volts Maximum When Protected by Fuses Class ____ rated Not More Than ____ Fuses only“ or equivalent.

Series	Maximum FLA	Short circuit current	Voltage	Fuse	Class
RZ3_25N	6.4 A	65 kA	600 V	30 A	J,CC
RZ3_40N	12 A	65 kA	600 V	30 A 50 A	CC J
RZ3_55N	12 A	65 kA	600 V	30 A 50 A	CC J
RZ3_75N	19.2 A	65 kA	600 V	30 A	CC
				70	J

Notes

1. Model designation is completed with digits indicating electrical and mechanical details.
2. The relays are certified as open type components where the suitability of the combination, in the final application, is determined by CSA Group.
3. Relay model RZ3...75A is approved for a nominal current 65A @ 40°C and with use of heat sink (aluminium profile 112mm by 68mm by 75mm, 12 ribs, See. App. A) and a fan providing 105 CFM air flow.
4. Relay model RZ3...75A is approved for a nominal current 75A @ 25°C and with use of heat sink (aluminium profile 112mm by 68mm by 75mm, 12 ribs, See. App. A) and a fan providing 105 CFM air flow.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 60947-4-2:22 - Second Edition - Low-voltage switchgear and controlgear - Part 4-2: Contractors and motor-starters - AC semiconductor motor controllers and starters

CSA C22.2 No. 60947-1:22 - Third Edition - Low-voltage switchgear and control gear - Part 1: General rules

CSA C22.2 No. 14-18 - Thirteenth Edition - Industrial control equipment

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Certificate: 1436057 **Master Contract**: 204075

Project: 80280505 **Date Issued**: 2025-12-19

Notes:

Products certified under Class(es) C321107, C321126 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

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