



Certificate of Compliance

Certificate: 2785865

Master Contract: 262671

Project: 2785865

Date Issued: March 12, 2015

Issued to: ABB STOTZ-KONTAKT GmbH
Hauptstrasse 14-16
Hornberg, 78132
Germany

Attention: Mr. Markus Klein

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



Kim Atkins

Issued by: K. Atkins

PRODUCTS

CLASS – 3211 07 – INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

Relays, component, open type, magnetically operated, single-pole, CR-S Series, electrical ratings as follows:

Contact	A	HP	Vac	Vdc	Use	°C	Cycles	Material	Pilot Duty
Type 1R, NO	6	--	277	--	Gen.	85	20 k	AgSnO2	B300, R300 @ 85°C 6 k cycles, or C300, R300 at room temperature 30 k cycles
	6	--	277	--	Resistive	85	30 k	AgSnO2	
	6	--	--	30	--	85	30 k	AgSnO2	
Type 1R, NC	6	--	277	--	Gen.	85	10 k	AgSnO2	B300, R300 @ 85°C 6 k cycles
	6	--	--	30	--	85	10 k	AgSnO2	

Coil: 3 – 60 VDC at surrounding air temperature 85 °C.



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NOMENCLATURE:

CR-S 012 - DC 1R G VI VII _____
I II III IV V VI VII

- I - Relay Series: Plug-in interface relay CR-S (6A)
- II - Coil Voltage: DC
005V – 5V
0012V – 12V
024V – 24V
048V – 48V
060V – 60V
- III -Exciting Medium (coil) – DC; DC-voltage
- IV - Number and type of contacts – 1R: 1-pole C/O contact
- V - Contact Plating: Nil: No Au-plating
+G With Au plated
- VI - Contact Material: – None: AgSnO₂
- VII May be followed by additional letters and/or numbers; e.g. customer code or requirements. Does not affect the construction.

Note:

These units are open-type devices and certified only for use in complete assemblies where the suitability of the combination is to be determined.

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No.0-10 - General Requirements - Canadian Electrical Code, Part II
- CSA-C22.2 No. 14-13 - Industrial Control Equipment
- *As a guide
- *UL 508-17th Edition - Industrial Control Equipment



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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

Method of Nameplate: Laser printed on the device surface

The following information appears on the device surface.

- The Company's name and/or Master Contract Number "262671", adjacent to the CSA Monogram.
- Model number.
- Electrical ratings.
- CSA Mark.