



# Certificate of Compliance

**Certificate:** 1097901

**Master Contract:** 165071 (012730\_C\_000)

**Project:** 70184852

**Date Issued:** 2018-06-19

**Issued to:** Siemens AG  
DF CP R&D VC 2  
Werner-von-Siemens-Strasse 48  
Amberg, 92224  
GERMANY

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



**Issued by:** *Khalil Ouldchama*  
Khalil Ouldchama

## **PRODUCTS**

CLASS - C321103 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Auxiliary Devices

CLASS - C321123 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Auxiliary Devices-

Thermal Overload Relays, Type 3RU1116, adjustable, provided with integral ambient compensated, non-replaceable thermal trip features and are suitable for providing overload protection. The trip is 125 percent of the FLA shown on dial, open type, 600 Vac 3-phase, 0.10 A up to 12 A in 20 setting ranges, control circuit: B600, R300; 24Vdc, 2A; 1 NO + 1NC change over contact.

### Standard Short Circuit Ratings:

Setting Range	Type Suffix	Short-Circuit	Max Fuse	Max Circuit Breaker
0.10 - 0.16	0A	1 kA, 600 V	6 A	15 A
0.14 - 0.2	0B	1 kA, 600 V	6 A	15 A
0.18 - 0.25	0C	1 kA, 600 V	6 A	15 A
0.22 - 0.32	0D	1 kA, 600 V	6 A	15 A
0.28 - 0.4	0E	1 kA, 600 V	6 A	15 A
0.35 - 0.5	0F	1 kA, 600 V	6 A	15 A
0.45 - 0.63	0G	1 kA, 600 V	6 A	15 A
0.55 - 0.8	0H	1 kA, 600 V	6 A	15 A
0.7 - 1.0	0J	1 kA, 600 V	6 A	15 A
0.9 - 1.25	0K	1 kA, 600 V	6 A	15 A



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1.1 - 1.6	1A	1 kA, 600 V	6 A	15 A
1.4 - 2.0	1B	5 kA, 600 V	10 A	15 A
1.8 - 2.5	1C	5 kA, 600 V	10 A	15 A
2.2 - 3.2	1D	5 kA, 600 V	15 A	15 A
2.8 - 4.0	1E	5 kA, 600 V	15 A	15 A
3.5 - 5.0	1F	5 kA, 600 V	20 A	20 A
4.5 - 6.3	1G	5 kA, 600 V	25 A	20 A
5.5 - 8.0	1H	5 kA, 600 V	30 A	30 A
7.0 - 10.	1J	5 kA, 600 V	40 A	30 A
9.0 - 12.5	1K	5 kA, 600 V	45 A	45 A

Accessory: Connecting support 3RU1916-3AA01.

Notes:

1. The type designation may be completed with numbers and letters indicating electrical and mechanical details.
2. Certified as component for use only in certified equipment, where the acceptability of combination is to be determined by CSA International.
3. The relays are intended for use in combination with this manufacturer's certified contactors 3TF and 3RT or for separate use.
4. Type 3RU1116 may be provided with Certified accessories of Type 3RU19.. Including connecting support and electrical or mechanical remote reset.

Nomenclature Breakdown

3RU1116	-	1A	B0
I		II	III
I	Basic Type, Size S00:		
	3RU1116	3 poles	
II	Setting Ranges:		
	Suffix	Setting range	
	0A	0.10 - 0.16	
	0B	0.14 - 0.20	
	0C	0.18 - 0.25	
	0D	0.22 - 0.32	
	0E	0.28 - 0.40	
	0F	0.35 - 0.50	
	0G	0.45 - 0.63	
	0H	0.55 - 0.80	
	0J	0.7 - 1.0	
	0K	0.9 - 1.25	
	1A	1.1 - 1.6	
	1B	1.4 - 2.0	
	1C	1.8 - 2.5	



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1D 2.2 - 3.2  
1E 2.8 - 4.0  
1F 3.5 - 5.0  
1G 4.5 - 6.3  
1H 5.5 - 8.0  
1J 7.0 - 10  
1K 9.0 - 12.5

III Type of Terminals:

B0 Screw terminals, contactor mounting  
B1 Screw terminals, standalone  
C1 Cage clamp terminals, standalone

**APPLICABLE REQUIREMENTS**

CSA-C22.2 No. 14-18 - Industrial Control Equipment  
CAN/CSA-C22.2 No 60947-1-13 - Low-Voltage Switchgear and Controlgear - Part 1: General rules  
CAN/CSA-C22.2 No 60947-4-1-14 - Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters