



# Certificate of Compliance

**Certificate:** 1581895 (012730\_C\_000)

**Master Contract:** 165071

**Project:** 70070082

**Date Issued:** 2016-04-18

**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:** J.-C. Chow  
J.-C. Chow

## PRODUCTS

CLASS - C143701 - CIRCUIT BREAKERS-Accessories

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

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

### *Part A* (Class 1437-01)

Undervoltage Tripping Units, open type, Types 3RV1902 and 3RV2902, followed by 1 or 2, followed by A, followed B0, F0, N0, P0, Q0, S0, U0, V0, M1, V1, G6 or N6, rated for 24, 100, 110, 200, 208, 220, 230, 240, 380, 400, 415 or 500 Vac/50 Hz, or 24, 110, 120, 220, 240, 440, 480 or 600 Vac/60 Hz.

Shunt Releases, open type, Types 3RV1902 and 3RV2902, followed by 1 or 2, followed by D, followed B0, F0, P0, S0 or V0, rated for 20-24, 90-110, 210-240, 350-415 or 500 Vac/50 or 60 Hz.

### Notes:

1. These Series 3RV1902 shunt releases and undervoltage tripping units for use with this manufacturer's device Series 3RV1 Molded Case Circuit Breakers.
2. These Series 3RV2902 shunt releases and undervoltage tripping units for use with this manufacturer's device Series 3RV2 Molded Case Circuit Breakers.
3. To be used with AWG 16 and AWG 18, solid or stranded copper wires.
4. Certified for use in equipment where the acceptability of the combination is to be determined by CSA.



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**Part B** (Class 3211-03, 3211-23)

Undervoltage Tripping Units, open type, Types 3RV1902, 3RV1912, 3RV1922, 3RV2902, 3RV2912 and 3RV2922, followed by 1, 2 or 4, followed by A, B or C, followed B0, F0, N0, P0, Q0, S0, U0, V0, M1, V1, B4, G6 or N6, rated for 24, 100, 110, 200, 208, 220, 230, 240, 380, 400, 415 or 500 Vac/50Hz, or 24, 110, 120, 220, 240, 440, 480 or 600 Vac/60Hz, or 24 Vdc.

Shunt Releases, open type, Types 3RV1902, 3RV1912, 3RV1922, 3RV2902, 3RV2912 and 3RV2922, followed by 1, 2 or 4, followed by D, followed B0, F0, P0, S0 or V0, rated for 20-24, 90-110, 210-240, 350-415 or 500 Vac/50 or 60 Hz.

Notes:

1. These Series 3RV19.2 shunt releases and undervoltage tripping units for use with this manufacturer's device Series 3RV1 Manual Motor Controllers or Combination Motor Controllers.
2. These Series 3RV29.2 shunt releases and undervoltage tripping units for use with this manufacturer's device Series 3RV2 or 3RV1.1 Manual or Combination Motor Controllers.
3. To be used with AWG 20 and AWG 14, solid or stranded copper wires.
4. Certified for use in equipment where the acceptability of the combination is to be determined by CSA.

Nomenclature Breakdown I (Part A)

3RV19	0	2	- 1	D	P0
I	II	III	IV	V	VI
I	Basic Type of Accessories 3RV19 For use with 3RV1 Circuit Breakers 3RV29 For use with 3RV2 Circuit Breakers				
II	Application for size 0 For all sizes (size S00 through S3)				
III	Undervoltage Trip or Shunt Release Units 2 For all sizes				
IV	Wiring Terminals 1 Screw terminals 2 Spring terminals				
V	Function A Undervoltage trip D Shunt release				
VI	Rated Voltage For undervoltage trip: B0 24V ac, 50/60 Hz F0 110V ac, 50 Hz; 120V ac, 60 Hz N0 220V, 50 Hz P0 230Vac, 50 Hz; 240V ac, 60 Hz Q0 380V ac, 50 Hz				



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U0 240V ac, 50 Hz  
V0 400V ac, 50 Hz; 440V ac, 60 Hz  
S0 500V ac, 50 Hz; 600V ac, 60 Hz  
M1 208V ac, 60 Hz  
V1 415V ac, 50 Hz; 480V ac, 60 Hz  
G6 100V, 50 Hz; 110V, 60 Hz  
N6 200V, 50 Hz; 220V, 60 Hz

For shunt release:

B0 20-24V ac, 50/60 Hz  
F0 90-110V ac, 50/60 Hz  
P0 210-240V ac, 50/60 Hz  
V0 350-415V ac, 50/60 Hz  
S0 500V ac, 50/60 Hz

#### Nomenclature Breakdown II (Part B)

3RV19	0	2	- 1	D	P0
I	II	III	IV	V	VI

#### I Basic type of accessories

3RV19 For use with 3RV1 Manual or Combination Motor Controllers

3RV29 For use with 3RV2 or 3RV1.1 Manual or Combination Motor Controllers

#### II Application for size

0 For 3RV1 or 3RV2, all sizes (size S00 through S3)

1 For 3RV1, size S00 only

2 For 3RV1, size S0 to S3 (3RV19); For 3RV2 or 3RV1.1 (3RV29)

#### III Undervoltage or shunt Release Units

2 For all sizes

#### IV Wiring Terminals

1 Screw terminals

2 Spring terminals

4 Ring lug terminals

#### V Function

A Undervoltage trip

B Undervoltage trip with tripping delay

C Undervoltage trip with leading contacts

D Shunt release

#### VI Rated Voltage

For undervoltage trip:

B0 24V ac, 50/60 Hz

F0 110V ac, 50 Hz; 120V ac, 60 Hz

N0 220V, 50 Hz

P0 230Vac, 50 Hz; 240V ac, 60 Hz

Q0 380V ac, 50 Hz



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U0 240V ac, 50 Hz  
V0 400V ac, 50 Hz; 440V ac, 60 Hz  
S0 500V ac, 50 Hz; 600V ac, 60 Hz  
M1 208V ac, 60 Hz  
V1 415V ac, 50 Hz; 480V ac, 60 Hz  
B4 24V dc  
G6 100V, 50 Hz; 110V, 60 Hz  
N6 200V, 50 Hz; 220V, 60 Hz

For shunt release:

B0 20-24V ac, 50/60 Hz  
F0 90-110V ac, 50/60 Hz  
P0 210-240V ac, 50/60 Hz  
V0 350-415V ac, 50/60 Hz  
S0 500V ac, 50/60 Hz

### **APPLICABLE REQUIREMENTS**

CSA-C22.2 No. 5-13	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
CSA-C22.2 No. 14-13	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