



# Certificate of Compliance

**Certificate:** 1458768

**Master Contract:** 165071

**Project:** 80033077

**Date Issued:** 2020-02-12

**Issued To:** Siemens AG  
SI CP R&D VC 2  
Werner-von-Siemens-Strasse 48  
Amberg, Bayern, 92224  
Germany

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

**Issued by:** J.-C. Chow  
J.-C. Chow



## **PRODUCTS**

CLASS 3211 37 - INDUSTRIAL CONTROL EQUIPMENT - Sub-Assemblies - Components  
CLASS 1437 01 - CIRCUIT BREAKERS - Accessories

### **Part A (Class 3211 37)**

Motor Feeder/Branch Circuit 3-phase busbar system, open type, Types 3RV1917, 3RV1927, 3RV2917 and 3RV2927, with following components and ratings:

Type 3RV1917 followed by -1A or -1E: max 80 A, 600 Vac.

Types 3RV1917 followed by -4A, -4B, -5BA or -5E; 3RV2917 followed by -1A, -1E, -4A, -4B, -5BA or -5E: max 63 A, 600 Vac.

Type 3RV1917 followed by -5A or -5C: max 12 A, 600Vac.

Type 3RV2917 followed by -5A or -5C: max 16 A, 600Vac.

Types 3RV1927-5A, 3RV2927-5A: max 32 A, 600Vac.

Types 3RV1917-5D, 3RV2917-5D: max 30 A, 600 Vac.

Type 3RV2917-5FA00: max 32 A, 600 Vac.



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Short-circuit rating for any combination of:

Types 3RV1917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5D, -5E; 3RV1927-5A; 3RV2917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5D, -5E; Type 3RV2927-5A: 10kA, 600V with max fuse 300A Class K5, RK5, RK1 or J

Type 3RV2917-5FA00: 5kA, 600V with max fuse 100A Class K5, RK5, RK1 or J

Types 3RV2917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5E; 3RV2927-5A; 3RV2917-5FA00: 5kA, 600V with max circuit breaker 70A type 3RV1742 or 3RV2742

High-fault currents short-circuit rating for any combination of:

Type 3RV1917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5D, -5E: 50kA, 480V with max fuse 300A Class K5, RK5, RK1 or J

Types 3RV2917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5D, -5E; 3RV1927-5A; 3RV2927-5A: 65kA, 480V with max fuse 300A Class K5, RK5, RK1 or J

Types 3RV2917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5D, -5E; 3RV2927-5A; 3RV2917-5FA00: 100kA, 600V with max fuse 100A Class J

Types 3RV2917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5E; 3RV2927-5A; 3RV2917-5FA00: 20kA, 600V with max Circuit Breaker 60A type 3RV1742 or 3RV2742

Types 3RV2917-1A, -1E, -4A, -4B, -5A, -5BA, -5C, -5E; 3RV2927-5A; 3RV2917-5FA00: 20kA, 480V with max Circuit Breaker 70A type 3RV1742 or 3RV2742

Accessories:

Type 3RV1917 followed by -6A or -7A

Types 3RV2917-6A, 3RV2917-7A, 3RV2927-7A

Notes:

1. Certified as open type component for use only in Certified equipment where the acceptability of combination is to be determined by CSA.
2. Certified for use with Types 3RV101, 3RV1.21, 3RV2.11 and 3RV2.21 manual or combination motor controllers by Siemens.
3. Types 3RV1917 and 3RV1927 have been tested at 60°C surrounding air temperature when used with Type 3RV101 manual starters loaded up to 100% full load current, or with Type 3RV1.21 manual starters loaded up to 87% full load current; and at 40°C surrounding air temperature when used with Type 3RV1.21 manual starters loaded up to 100% full load current.
4. Types 3RV2917 and 3RV2927 have been tested at 40°C surrounding air temperature when used with manual or combination motor controllers Type 3RV2.11 rated up to 16 A, or with Type 3RV2.21 rated up to 25 A, loaded up to 100% full load current; or when used with Type 3RV2.21 rated 25 A up to 32 A loaded up to 87% full load current.
5. These devices when used with Combination (self-protected) Motor Controller Type 3RV1.2, 3RV2.1 or 3RV2.2, the short-circuit protection device (SCPD) is not required.
6. Types 3RV1917-5D and 3RV2917-5D when used with this manufacturer Certified Type 3RA68, 3-ph busbars system are rated for short-circuit: 10kA, 600V with 250A max fuse Class K5, RK5, RK1 or J; and for high-fault currents short-circuit: 30kA, 480V with 300A max fuse Class K5, RK5, RK1 or J.
7. The type designation may be completed with suffixes for electrical and mechanical details.



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Components designation:

3RV1917-1A:	Feeder module left, for Manual Starter 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV1917-1E:	Feeder module right, for Manual starter 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV1917-4A:	Extension module, for 2 Manual starters 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV1917-4B:	Extension module, for 3 Manual starters 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV1917-5BA:	Extension plug for use with 3RV19
3RV1917-5E:	Extension plug for use with 3RV19
3RV2917-1A:	Feeder module left, for Manual starter 3RV1.1, 3RV2.1 or 3RV2.2
3RV2917-1E:	Feeder module right, for Manual starter 3RV1.1, 3RV2.1 or 3RV2.2
3RV2917-4A:	Extension module, for 2 Manual starters 3RV1.1, 3RV2.1 or 3RV2.2
3RV2917-4B:	Extension module, for 3 Manual starters 3RV1.1, 3RV2.1 or 3RV2.2
3RV2917-5BA:	Extension plug for use with 3RV29
3RV2917-5E:	Extension plug for use with 3RV29
3RV1917-5A:	U-connector, for spring terminal Manual starter 3RV1.1
3RV1917-5C:	U-connector, for screw terminal Manual starter 3RV1.1
3RV2917-5A:	U-connector, for spring terminal Manual starter 3RV2.1 (size S00)
3RV2917-5C:	U-connector, for screw terminal Manual starter 3RV2.1 (size S00)
3RV1927-5A:	U-connector, for screw terminal manual starter 3RV1.2 or 3RV2.2 (size S0)
3RV2927-5A:	U-connector, for spring terminal Manual starter 3RV2.2 (size S0)
3RV1917-5D:	Terminal block for use with 3RV19 or 3RA68
3RV2917-5D:	Terminal block for use with 3RV29 or 3RA68
3RV2917-5FA00	Terminal block for use with 3RV29
3RV1917-7A:	Support socket, for Contactor 3RT1.1
3RV2917-6A:	End cover for use with 3RV29
3RV2917-7A:	Support socket, for Contactor 3RT2.1
3RV2927-7A:	Support socket, for Contactor 3RT2.1 or 3RT2.2

**Part B** (Class 1437 01)

Feeder/Branch Circuit 3-phase busbar system, open type, Types 3RV1927 and 3RV2917, with following components and ratings:

Type 3RV1927-5A: max 32 A, 600Vac.

Types 3RV2917 followed by -1A, -1E, -4A or -4B: max 63 A, 600 Vac.

Notes:

1. Certified as open type component for use only in Certified equipment where the acceptability of combination is to be determined by CSA.
2. Certified for use with Types 3RV27 or 3RV28 circuit breakers by Siemens.
3. These devices when used with circuit breakers 3RV27 or 3RV28, the short-circuit protection device (SCPD) is not required, and the high-fault currents short-circuit ratings are same as for circuit breakers.
4. Types 3RV2917-.. and 3RV1927-5A have been tested at 40°C surrounding air temperature when used with circuit breakers 3RV27 or 3RV28 rated up to 22 A loaded up to 80% full load current.



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Components designation:

3RV2917-1A: Feeder module left, for circuit breaker 3RV27 or 3RV28  
3RV2917-1E: Feeder module right, for circuit breaker 3RV27 or 3RV28  
3RV2917-4A: Extension module, for 2 circuit breakers 3RV27 or 3RV28  
3RV2917-4B: Extension module, for 3 circuit breakers 3RV27 or 3RV28  
3RV1927-5A: U-connector, for circuit breaker 3RV27 or 3RV28

**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  
CSA-C22.2 No. 5-16 - Molded-case circuit breakers, molded-case switches, and circuit-breaker enclosures