

CERTIFICATE OF COMPLIANCE

Certificate Number 20181203-E148698
Report Reference E148698-20031107
Issue Date 2018-DECEMBER-03

Issued to: SIEMENS AG
DF CP R&D VC 2
WERNER-VON-SIEMENS-STRASSE 48
92224 AMBERG GERMANY

This is to certify that representative samples of POWER CIRCUIT AND MOTOR-MOUNTED APPARATUS
See addendum page

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 508, Industrial Control Equipment
CSA C22.2 No. 14-13, Industrial Control Equipment

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum -

USL, CNL – 3-Phase Busbar System 3RV1917/27 and 3RV2917/27 with following Components:

3RV1917-1A	Feeder Module left for use with 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV2917-1A	Feeder Module left for use with 3RV2.1, 3RV2.2, 3RV1.1 or circuit breaker 3RV27, 3RV28
3RV1917-1E	Feeder Module right for use with 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV2917-1E	Feeder Module right for use with 3RV2.1, 3RV2.2, 3RV1.1 or circuit breaker 3RV27, 3RV28
3RV1917-4A	Extension Module for 2 switches for use with 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV2917-4A	Extension Module for 2 switches for use with 3RV2.1, 3RV2.2, 3RV1.1 or circuit breaker 3RV27, 3RV28
3RV1917-4B	Extension Module for 3 switches for use with 3RV1.1, 3RV1.2, 3RV2.1 or 3RV2.2
3RV2917-4B	Extension Module for 3 switches for use with 3RV2.1, 3RV2.2, 3RV1.1 or circuit breaker 3RV27, 3RV28
3RV1917-5A..	U-connector for Spring terminals for use with 3RV1.1
3RV2917-5A..	U-connector for Spring terminals for use with 3RV2.1
3RV2927-5A..	U-connector for Spring terminals for use with 3RV2.2
3RV1917-5C..	U-connector for Terminal Screw for use with 3RV1.1
3RV2917-5C..	U-connector for Terminal Screw for use with 3RV2.1
3RV1927-5A..	U-connector for Terminal Screw for use with 3RV1.2, 3RV2.2 and circuit breaker 3RV27, 3RV28
3RV1917-7A..	Support socket for contactor 3RT1.1
3RV2917-7A..	Support socket for contactor 3RT2.1
3RV2927-7A..	Support socket for contactor 3RT2.1 and 3RT2.2
3RV1917-5BA..	Extension plug for use with 3RV19
3RV2917-5BA..	Extension plug for use with 3RV29
3RV1917-6A	End cover for use with 3RV19
3RV2917-6A	End cover for use with 3RV29
3RV1917-5E	Extension Plug for use with 3RV19
3RV2917-5E	Extension Plug for use with 3RV29
3RV1917-5D	Terminal block for use with 3RV19 and 3RA68
3RV2917-5D	Terminal block for use with 3RV29 and 3RA68
3RV2917-5FA00	Terminal block for use with 3RV29



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General:

These devices are open type, 3 phase busbar system with mechanical locking means for the manual motor controllers 3RV1.1, 3RV1.2, 3RV2.1 and 3RV2.2, covered in this manufacturers Listing Report Files E47705.

3RV1917-5D or 3RV2917-5D may also be used with Siemens Listed 3 phase busbar system type 3RA68 covered in File E148698 Vol 2, Sec. 1.

These devices may be used with Siemens Listed Self-Protected Combination Motor Controller type 3RV102, 3RV201 or 3RV202 covered in File E156943.

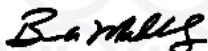
These devices may be used with Siemens Listed Circuit Breaker type 3RV27 or 3RV28 covered in File E235044.

Infeed Terminal Type 3RV1917-1A, 3RV2917-1A, 3RV1917-1E or 3RV2917-1E may be used in Feeder Circuits. Spacings of infeed of these types on the terminal between bare live parts of opposite polarity is not less than 1 in (25.4 mm) measured through air or 2 in (50.8 mm) measured over the surface of insulating material.

Ratings:

3-phase Busbar system

3RV1917-1A	80 A 600V ac max.
3RV2917-1A	63 A 600V ac max.
3RV1917-1E	80 A 600V ac max.
3RV2917-1E	63 A 600V ac max.
3RV1917-4A	63 A 600V ac max.
3RV2917-4A	63 A 600V ac max.
3RV1917-4B	63 A 600V ac max.
3RV2917-4B	63 A 600V ac max.
3RV1917-5A..	12 A 600V ac max.
3RV2917-5A..	16 A 600V ac max.
3RV2927-5A..	32 A 600V ac max.
3RV1917-5C..	12 A 600V ac max.
3RV2917-5C..	16 A 600V ac max.
3RV1927-5A..	32 A 600V ac max.
3RV1917-5BA..	63 A 600V ac max.
3RV2917-5BA..	63 A 600V ac max.



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3RV1917-5E 63 A 600V ac max.
 3RV2917-5E 63 A 600V ac max.
 3RV1917-5D 30 A 600V ac max.
 3RV2917-5D 30 A 600V ac max.
 3RV2917-5FA00 32 A 600V ac max.

Manual Motor Controller / Combination Motor Controller

3RV1011 - 100% In 60°C Surrounding Air Temperature
 3RV1.21 – 100% In 40°C Surrounding Air Temperature
 87% In 60°C Surrounding Air Temperature

3RV2.11 (up to 16A) - 100% In 40°C Surrounding Air Temperature

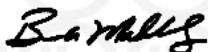
3RV2.21 (up to 25A) - 100% In 40°C Surrounding Air Temperature
 3RV2.21 (25 to 32A) - 87% In 40°C Surrounding Air Temperature

Circuit breaker

3RV27, 3RV28 up to 22A - 80% In 40°C Surrounding Air Temperature

Standard Short circuit ratings

Type No.	Fuse Class K5,RK5,RK1,J	Short circuit	Voltage
3RV1917-1A, -1E, -4A, -4B, -5A., -5C., -5BA., -5E, -5D 3RV1927-5A.. 3RV2917-1A, -1E, -4A, -4B, -5A., -5C., -5BA., -5E, -5D 3RV2927-5A..	Max. 300A	10kA	600V
3RV2917-5FA00	Max. 100A	5kA	600V



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Type No.	Circuit Breaker Type	Short circuit	Voltage
3RV2917-1A, -1E, -4A, -4B, -5A..., -5C..., -5BA..., -5E, 3RV2927-5A.. 3RV2917-5FA00	3RV1742 or 3RV2742 Max. 70A	5kA	600V

Short Circuit Rating with 3RA68

3RV1917-5D	max. 250A	10kA	600V
3RV2917-5D	max. 250A	10kA	600V

High capacity short circuit ratings

Type No.	Fuse Class	Short circuit	Voltage
3RV1917-1A, -1E, -4A, -4B, -5A..., -5C..., -5BA..., -5E, -5D	K5, RK5, RK1, J Max. 300A	50kA	480V
3RV2917-1A, -1E, -4A, -4B, -5A..., -5C..., -5BA..., -5E, -5D 3RV1927-5A.. 3RV2927-5A..	Max. 300A	65kA	480V
3RV2917-1A, -1E, -4A, -4B, -5A..., -5C..., -5BA..., -5E, -5D 3RV2927-5A.. 3RV2917-5FA00	Max. 100A Class J Fuse only	100kA	600V



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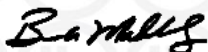
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Type No.	Circuit Breaker Type 3RV1742 or 3RV2742	Short circuit	Voltage
3RV2917-1A, -1E, -4A, -4B, -5A., -5C., -5BA., -5E 3RV2927-5A.. 3RV2917-5FA00	Max. 60A	20kA	600V
3RV2917-1A, -1E, -4A, -4B, -5A., -5C., -5BA., -5E 3RV2927-5A.. 3RV2917-5FA00	Max. 70A	20kA	480V

If 3RV102, 3RV201, 3RV202 is used as Combination Motor Controller no SCPD is necessary.
 If circuit breaker 3RV27 or 3RV28 are used no SCPD is necessary. Short-circuit ratings of the circuit breaker are valid.

Short Circuit Rating with 3RA68

3RV1917-5D	max. 250A	30kA	480V
3RV2917-5D	max. 250A	30kA	480V



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