SIEMENS

Data sheet

3RW5213-1TC15



SIRIUS soft starter 200-600 V 13 A, 110-250 V AC Screw terminals Thermistor input

| product brand name | SIRIUS |
|---|---|
| product category | Hybrid switching devices |
| product designation | Soft starter |
| product type designation | 3RW52 |
| manufacturer's article number | |
| of standard HMI module usable | <u>3RW5980-0HS00</u> |
| of high feature HMI module usable | <u>3RW5980-0HF00</u> |
| of communication module PROFINET standard usable | <u>3RW5980-0CS00</u> |
| of communication module PROFIBUS usable | <u>3RW5980-0CP00</u> |
| of communication module Modbus TCP usable | <u>3RW5980-0CT00</u> |
| of communication module Modbus RTU usable | <u>3RW5980-0CR00</u> |
| of communication module Ethernet/IP | <u>3RW5980-0CE00</u> |
| of circuit breaker usable at 400 V | 3RV2032-4TA10; Type of coordination 1, Iq = 65 kA, CLASS 10 |
| of circuit breaker usable at 500 V | 3RV2032-4TA10; Type of coordination 1, Iq = 18 kA, CLASS 10 |
| of circuit breaker usable at 400 V at inside-delta circuit | 3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10 |
| of circuit breaker usable at 500 V at inside-delta circuit | 3RV2032-4DA10; Type of coordination 1, Iq = 18 kA, CLASS 10 |
| of the gG fuse usable up to 690 V | 3NA3820-6; Type of coordination 1, Iq = 65 kA |
| • of the gG fuse usable at inside-delta circuit up to 500 V | 3NA3820-6; Type of coordination 1, Iq = 65 kA |
| of full range R fuse link for semiconductor protection usable up to 690 V | <u>3NE1815-0; Type of coordination 2, Iq = 65 kA</u> |
| of back-up R fuse link for semiconductor protection usable up to 690 V | <u>3NE8017-1; Type of coordination 2, Iq = 65 kA</u> |
| eneral technical data | |
| starting voltage [%] | 30 100 % |
| | |

| General technical data | | | | |
|---|--|--|--|--|
| starting voltage [%] | 30 100 % | | | |
| stopping voltage [%] | 50 %; non-adjustable | | | |
| start-up ramp time of soft starter | 0 20 s | | | |
| current limiting value [%] adjustable | 130 700 % | | | |
| certificate of suitability | | | | |
| CE marking | Yes | | | |
| UL approval | Yes | | | |
| CSA approval | Yes | | | |
| product component | | | | |
| HMI-High Feature | No | | | |
| is supported HMI-Standard | Yes | | | |
| is supported HMI-High Feature | Yes | | | |
| product feature integrated bypass contact system | Yes | | | |
| number of controlled phases | 3 | | | |
| trip class | CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2 | | | |
| buffering time in the event of power failure | | | | |
| for main current circuit | 100 ms | | | |
| for control circuit | 100 ms | | | |

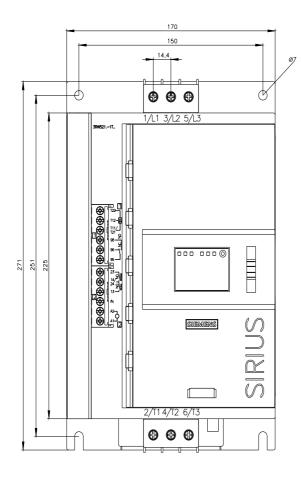
| insulation voltage rated value | 600 V |
|--|--|
| degree of pollution | 3, acc. to IEC 60947-4-2 |
| impulse voltage rated value | 6 kV |
| blocking voltage of the thyristor maximum | 1 600 V |
| service factor | 1 |
| surge voltage resistance rated value | 6 kV |
| maximum permissible voltage for protective separation | |
| between main and auxiliary circuit | 600 V |
| shock resistance | 15 g / 11 ms, from 12 g / 11 ms with potential contact lifting |
| vibration resistance | 15 mm to 6 Hz; 2g to 500 Hz |
| utilization category according to IEC 60947-4-2 | AC 53a |
| reference code according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 02/15/2018 |
| product function | |
| ramp-up (soft starting) | Yes |
| • ramp-down (soft stop) | Yes |
| Soft Torque | Yes |
| adjustable current limitation | Yes |
| pump ramp down | Yes |
| intrinsic device protection | Yes |
| motor overload protection | Yes; Full motor protection (thermistor motor protection and electronic motor |
| - motor overload protection | overload protection) |
| evaluation of thermistor motor protection | Yes; Type A PTC or Klixon / Thermoclick |
| • inside-delta circuit | Yes |
| ● auto-RESET | Yes |
| manual RESET | Yes |
| remote reset | Yes; By turning off the control supply voltage |
| communication function | Yes |
| operating measured value display | Yes; Only in conjunction with special accessories |
| error logbook | Yes; Only in conjunction with special accessories |
| via software parameterizable | No |
| via software configurable | Yes |
| PROFlenergy | Yes; in connection with the PROFINET Standard communication module |
| firmware update | Yes |
| removable terminal for control circuit | Yes |
| | No |
| torque control analog output | No |
| 5 . | INO |
| Power Electronics | |
| operational current | |
| • at 40 °C rated value | 13 A |
| • at 50 °C rated value | 11.5 A |
| • at 60 °C rated value | 10.5 A |
| operational current at inside-delta circuit | |
| • at 40 °C rated value | 22.5 A |
| • at 50 °C rated value | 19.9 A |
| • at 60 °C rated value | 18.2 A |
| operating voltage | |
| rated value | 200 600 V |
| at inside-delta circuit rated value | 200 600 V |
| relative negative tolerance of the operating voltage | -15 % |
| relative positive tolerance of the operating voltage | 10 % |
| relative negative tolerance of the operating voltage at inside-delta circuit | -15 % |
| relative positive tolerance of the operating voltage at inside-delta circuit | 10 % |
| operating power for 3-phase motors | |
| • at 230 V at 40 °C rated value | 3 kW |
| at 230 V at inside-delta circuit at 40 °C rated value | |
| • at 250 v at inside-delta circuit at 40 °C fated value | 5.5 kW |
| at 200 V at 40 °C rated value at 400 V at 40 °C rated value | 5.5 kW 5.5 kW |
| | |
| • at 400 V at 40 °C rated value | 5.5 kW |

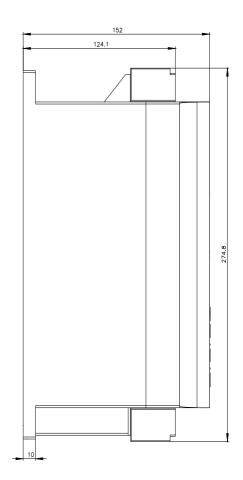
| Operating frequency 1 rated value | 50 Hz |
|---|--|
| Operating frequency 2 rated value | 60 Hz |
| relative negative tolerance of the operating frequency | -10 % |
| relative positive tolerance of the operating frequency | 10 % |
| adjustable motor current | |
| at rotary coding switch on switch position 1 | 5.5 A |
| at rotary coding switch on switch position 2 | 6 A |
| at rotary coding switch on switch position 3 | 6.5 A |
| at rotary coding switch on switch position 4 | 7 A |
| at rotary coding switch on switch position 5 | 7.5 A |
| at rotary coding switch on switch position 6 | 8 A |
| at rotary coding switch on switch position 7 | 8.5 A |
| at rotary coding switch on switch position 8 | 9 A |
| at rotary coding switch on switch position 9 | 9.5 A |
| at rotary coding switch on switch position 10 | 10 A |
| at rotary coding switch on switch position 11 | 10.5 A |
| at rotary coding switch on switch position 12 | 11 A |
| at rotary coding switch on switch position 13 | 11.5 A |
| at rotary coding switch on switch position 14 | 12 A |
| at rotary coding switch on switch position 15 | 12.5 A |
| at rotary coding switch on switch position 16 | 13 A |
| • minimum | 5.5 A |
| adjustable motor current | |
| for inside-delta circuit at rotary coding switch on switch position 1 | 9.5 A |
| for inside-delta circuit at rotary coding switch on switch position 2 | 10.4 A |
| for inside-delta circuit at rotary coding switch on switch position 3 | 11.3 A |
| for inside-delta circuit at rotary coding switch on switch position 4 | 12.1 A |
| for inside-delta circuit at rotary coding switch on switch position 5 for inside-delta circuit at rotary coding switch on switch | 13 A 13.9 A |
| for inside-delta circuit at rotary coding switch on switch for inside-delta circuit at rotary coding switch on switch | 14.7 A |
| or inside delta circuit at rotary coding switch on switch for inside-delta circuit at rotary coding switch on switch | 15.6 A |
| or inside delta circuit at rotary coding switch on switch for inside-delta circuit at rotary coding switch on switch | 16.5 A |
| position 9 for inside-delta circuit at rotary coding switch on switch | 17.3 A |
| position 10for inside-delta circuit at rotary coding switch on switch | 18.2 A |
| position 11for inside-delta circuit at rotary coding switch on switch | 19.1 A |
| position 12 for inside-delta circuit at rotary coding switch on switch position 13 | 19.9 A |
| for inside-delta circuit at rotary coding switch on switch position 14 | 20.8 A |
| for inside-delta circuit at rotary coding switch on switch position 15 | 21.7 A |
| for inside-delta circuit at rotary coding switch on switch position 16 | 22.5 A |
| at inside-delta circuit minimum | 9.5 A |
| ninimum load [%] | 15 %; Relative to smallest settable le |
| oower loss [W] for rated value of the current at AC | |
| • at 40 °C after startup | 16 W |
| • at 50 °C after startup | 15 W |
| • at 60 °C after startup | 15 W |
| oower loss [W] at AC at current limitation 350 % | |
| • at 40 °C during startup | 210 W |
| ● at 50 °C during startup | 178 W |
| • at 60 °C during startup | 161 W |

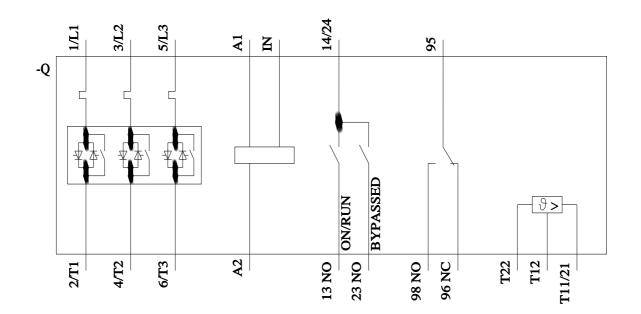
| Control circuit/ Control | |
|--|--|
| type of voltage of the control supply voltage | AC |
| control supply voltage at AC | |
| • at 50 Hz | 110 250 V |
| • at 60 Hz | 110 250 V |
| relative negative tolerance of the control supply voltage at AC at 50 Hz | -15 % |
| relative positive tolerance of the control supply voltage at AC at 50 Hz | 10 % |
| relative negative tolerance of the control supply voltage at AC at 60 Hz | -15 % |
| relative positive tolerance of the control supply voltage at AC at 60 Hz | 10 % |
| control supply voltage frequency | 50 60 Hz |
| relative negative tolerance of the control supply voltage frequency | -10 % |
| relative positive tolerance of the control supply voltage frequency | 10 % |
| control supply current in standby mode rated value | 30 mA |
| holding current in bypass operation rated value | 75 mA |
| inrush current by closing the bypass contacts maximum | 0.17 A |
| inrush current peak at application of control supply voltage maximum | 12.2 A |
| duration of inrush current peak at application of control supply voltage | 2.2 ms |
| design of the overvoltage protection | Varistor |
| design of short-circuit protection for control circuit | 4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply |
| Inputs/ Outputs | |
| number of digital inputs | 1 |
| number of digital outputs | 3 |
| not parameterizable | 2 |
| digital output version | 2 normally-open contacts (NO) / 1 changeover contact (CO) |
| number of analog outputs | 0 |
| switching capacity current of the relay outputs | |
| • at AC-15 at 250 V rated value | 3 A |
| at DC-13 at 24 V rated value | 1 A |
| Installation/ mounting/ dimensions | |
| mounting position | +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface |
| fastening method | screw fixing |
| height | 275 mm |
| width | 170 mm |
| depth | 152 mm |
| required spacing with side-by-side mounting | 10 |
| forwards | 10 mm |
| • backwards | 0 mm |
| • upwards | 100 mm |
| • downwards | 75 mm |
| at the side | 5 mm |
| weight without packaging | 2.1 kg |
| Connections/ Terminals | |
| type of electrical connection | ocrow two torminals |
| for main current circuit | screw-type terminals |
| for control circuit | screw-type terminals |
| wire length for thermistor connection | 50 m |
| • with conductor cross-section = 0.5 mm ² maximum | 50 m |
| • with conductor cross-section = 1.5 mm ² maximum | 150 m |
| • with conductor cross-section = 2.5 mm ² maximum | 250 m |
| type of connectable conductor cross-sections | |
| for main contacts | |
| — solid | 2x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) |
| finely stranded with core end processing | 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²) |

| fee ANALO estables fee marin assument since it salid | 0 + (40 - 40) = 0 + (44 - 0) |
|---|---|
| for AWG cables for main current circuit solid | 2x (16 12), 2x (14 8) |
| type of connectable conductor cross-sections for control circuit solid | $1 \times (0 = 40 \text{ mm}^2) \ 2 \times (0 = 2 = \text{mm}^2)$ |
| | 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) |
| for control circuit finely stranded with core end processing for AWG cables for control circuit solid | |
| wire length | 1x (20 12), 2x (20 14) |
| between soft starter and motor maximum | 800 m |
| at the digital inputs at AC maximum | 100 m |
| tightening torque | |
| for main contacts with screw-type terminals | 2 2.5 N·m |
| for auxiliary and control contacts with screw-type | 0.8 1.2 N·m |
| terminals | |
| tightening torque [lbf·in] | |
| for main contacts with screw-type terminals | 18 22 lbf·in |
| for auxiliary and control contacts with screw-type terminale | 7 10.3 lbf·in |
| terminals Ambient conditions | |
| | 5 000 m. Departing as of 4000 m. and patelog |
| installation altitude at height above sea level maximum | 5 000 m; Derating as of 1000 m, see catalog |
| ambient temperature | 25 +60 °C: Please observe deroting at temperatures of 40 °C or above |
| during operation during storage and transport | -25 +60 °C; Please observe derating at temperatures of 40 °C or above -40 +80 °C |
| o during storage and transport | -++v + ov C |
| environmental category during operation according to IEC 60721 | 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 |
| | (sand must not get into the devices), 3M6 |
| during storage according to IEC 60721 | 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 |
| during transport according to IEC 60721 | 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) |
| EMC emitted interference | acc. to IEC 60947-4-2: Class A |
| Communication/ Protocol | |
| communication module is supported | |
| PROFINET standard | Yes |
| EtherNet/IP | Yes |
| Modbus RTU | Yes |
| Modbus TCP | Yes |
| PROFIBUS | Yes |
| | |
| UL/CSA ratings | |
| | |
| UL/CSA ratings | |
| UL/CSA ratings manufacturer's article number | Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside- delta circuit according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside- delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside- delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class J / L, max. 50 A; lq = 100 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults up to 575/600 V at inside-delta circuit according to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for Standard Faults up to 575/600 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number of circuit breaker | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class J / L, max. 50 A; lq = 100 kA |
| UL/CSA ratings manufacturer's article number of circuit breaker | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL usable for Standard Faults up to 575/600 V according to UL usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside- delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside- delta circuit according to UL — usable for Standard Faults up to 575/600 V at inside- delta circuit occording to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker - usable for Standard Faults at 460/480 V according to UL - usable for High Faults at 460/480 V according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for High Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA 2 hp |
| UL/CSA ratings manufacturer's article number • of circuit breaker | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class J / L, max. 50 A; lq = 100 kA 2 hp 3 hp |

| at 460/480 V at inside-delt at 575/600 V at inside-delt contact rating of auxiliary cont Safety related data protection class IP on the front touch protection on the front a electromagnetic compatibility Certificates/ approvals General Product Approval | t according to IEC 60529 | in accord | 300 afe, for vertical contact dance with IEC 60947- | | EMC |
|--|---|---|---|----------------------|--------------------------|
| at 575/600 V at inside-delt contact rating of auxiliary cont Safety related data protection class IP on the front touch protection on the front a electromagnetic compatibility Certificates/ approvals General Product Approval Certificates/ approval General Product Approval Declaration of Conformity Certificates (Conformity) | a circuit at 50 °C rated value tacts according to UL t according to IEC 60529 according to IEC 60529 Confirmation | 15 hp R300-B3 IP20 finger-sa in accord | afe, for vertical contact | | EMC |
| contact rating of auxiliary cont Safety related data protection class IP on the front touch protection on the front a electromagnetic compatibility Certificates/ approvals General Product Approval General Product Approval Declaration of Conformity | tacts according to UL t according to IEC 60529 according to IEC 60529 | R300-B3 IP20 finger-sa in accord | afe, for vertical contact | | EMC |
| Safety related data protection class IP on the front touch protection on the front a electromagnetic compatibility Certificates/ approvals General Product Approval Certificates/ approval () Certificates/ approval () () () () () () () () () () | t according to IEC 60529 according to IEC 60529 | IP20 finger-sa in accord | afe, for vertical contact | | EMC |
| protection class IP on the front touch protection on the front a electromagnetic compatibility Certificates/ approvals General Product Approval | Confirmati | finger-sa in accord | | | EMC |
| touch protection on the front a electromagnetic compatibility Certificates/ approvals General Product Approval | Confirmati | finger-sa in accord | | | EMC |
| electromagnetic compatibility Certificates/ approvals General Product Approval | Confirmati | in accord | | | EMC |
| Certificates/ approvals General Product Approval | | | dance with IEC 60947- | 4-2 [D[| EMC |
| General Product Approval | | ion | (h) | C 0 1 | EMC |
| Declaration of Conformity | | ion | Ē | COL | EMC |
| CE EG-Konf. | | <u>ion</u> | (h) | C D C | - |
| CE EG-Konf. | Test Certifica | | Ŭ. | CUL | |
| EG-Konf. | | ates M | Marine / Shipping | | |
| Marine / Shipping other | JK <u>Type Test Ca</u> ates/Test Re | | ABS | B U RE AU VERITAS | Hoyd's Register us |
| · · · · · · · · · · · · · · · · · · · | | | | | |
| PRS Co | nfirmation | | | | |
| Further information | | | | | |
| Siemens has decided to exit th https://press.siemens.com/global | | down-russiar | n-husiness | | |
| Siemens is working on the rem Please contact your local Siemer EAC relevant market (other than Information on the packaging https://support.industry.siemens.com https://www.siemens.com/ic10 Industry Mall (Online ordering in https://mall.industry.siemens.com Cax online generator http://support.automation.siemen Service&Support (Manuals, Ce | ewal of the current EAC certific ns office on the status of validity of the sanctioned EAEU member st com/cs/ww/en/view/109813875 nter (Catalogs, Brochures,) system) n/mall/en/en/Catalog/product?mlft s.com/WW/CAXorder/default.asp ortificates, Characteristics, FAQ | cates. of the EAC c tates Russia <u>fb=3RW5213</u> <u>px?lang=en8</u> Qs,) | certification if you inten- a or Belarus). 3-1TC15 | | y these products to an |
| https://support.industry.siemens.c Image database (product image http://www.automation.siemens.c | es, 2D dimension drawings, 3D |) models, de | | s, EPLAN macros,) | |
| Characteristic: Tripping characteristic: https://support.industry.siemens.c | cteristics, I ² t, Let-through curre | ent | o roalang-cli | | |
| Characteristic: Installation altit http://www.automation.siemens.c Simulation Tool for Soft Starter https://support.industry.siemens.c | | | | | |







1/14/2023 🖸

Subject to change without notice © Copyright Siemens

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens: 3RW52131TC15