SIEMENS

product brand name

Data sheet 3RW5214-1AC14

SIRIUS



SIRIUS soft starter 200-480 V 18 A, 110-250 V AC Screw terminals Analog output





| product category | Hybrid switching devices |
|---|---|
| product designation | Soft starter |
| product type designation | 3RW52 |
| manufacturer's article number | |
| of standard HMI module usable | 3RW5980-0HS00 |
| of high feature HMI module usable | 3RW5980-0HF00 |
| of communication module PROFINET standard usable | 3RW5980-0CS00 |
| of communication module PROFIBUS usable | 3RW5980-0CP00 |
| of communication module Modbus TCP usable | 3RW5980-0CT00 |
| of communication module Modbus RTU usable | 3RW5980-0CR00 |
| of communication module Ethernet/IP | 3RW5980-0CE00 |
| of circuit breaker usable at 400 V | 3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10 |
| of circuit breaker usable at 500 V | 3RV2032-4DA10; Type of coordination 1, Iq = 15 kA, CLASS 10 |
| • of circuit breaker usable at 400 V at inside-delta circuit | 3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10 |
| • of circuit breaker usable at 500 V at inside-delta circuit | 3RV2032-4EA10; Type of coordination 1, Iq = 15 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 | 3NE1802-0; Type of coordination 2, Iq = 65 kA |
| of back-up R fuse link for semiconductor protection usable up to 690 V | 3NE8020-1; Type of coordination 2, Iq = 65 kA |
| eneral 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 |
| 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 |
| utilization category according to IEC 60947-4-2 | AC 53a |
| reference code according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 02/15/2018 |
| SVHC substance name | Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4 |
| 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; Electronic motor overload protection |
| evaluation of thermistor motor protection | No |
| • 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 via seftware perspetarizable | Yes; Only in conjunction with special accessories |
| via software parameterizable | No Yes |
| via software configurablePROFlenergy | Yes; in connection with the PROFINET Standard communication module |
| firmware update | Yes |
| removable terminal for control circuit | Yes |
| torque control | No |
| analog output | Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI) |
| Power Electronics | |
| operational current | |
| at 40 °C rated value | 18 A |
| at 50 °C rated value | 15.9 A |
| • at 60 °C rated value | 13.8 A |
| operational current at inside-delta circuit | |
| • at 40 °C rated value | 31.5 A |
| • at 50 °C rated value | 28 A |
| • at 60 °C rated value | 23.9 A |
| operating voltage | |
| rated value | 200 480 V |
| at inside-delta circuit rated value | 200 480 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 | 4 kW |
| at 230 V at inside-delta circuit at 40 °C rated value | 7.5 kW |

| • at 400 V at 40 °C rated value | 7.5 kW |
|---|--|
| • at 400 V at inside-delta circuit at 40 °C rated value | 15 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 | 7.5 A |
| at rotary coding switch on switch position 2 | 8.2 A |
| at rotary coding switch on switch position 3 | 8.9 A |
| at rotary coding switch on switch position 4 | 9.6 A |
| at rotary coding switch on switch position 5 at rotary coding switch on switch position 6 | 10.3 A 11 A |
| at rotary coding switch on switch position 6 at rotary coding switch on switch position 7. | 11.7 A |
| at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 | 11.7 A 12.4 A |
| at rotary coding switch on switch position 8 at rotary coding switch on switch position 9 | 13.1 A |
| at rotary coding switch on switch position 10 | 13.8 A |
| at rotary coding switch on switch position 11 | 14.5 A |
| at rotary coding switch on switch position 12 | 15.2 A |
| at rotary coding switch on switch position 13 | 15.9 A |
| at rotary coding switch on switch position 14 | 16.6 A |
| at rotary coding switch on switch position 15 | 17.3 A |
| at rotary coding switch on switch position 16 | 18 A |
| • minimum | 7.5 A |
| adjustable motor current | |
| for inside-delta circuit at rotary coding switch on switch position 1 | 13 A |
| for inside-delta circuit at rotary coding switch on switch position 2 | 14.2 A |
| for inside-delta circuit at rotary coding switch on switch position 3 | 15.4 A |
| for inside-delta circuit at rotary coding switch on switch position 4 | 16.6 A |
| for inside-delta circuit at rotary coding switch on switch position 5 | 17.8 A |
| for inside-delta circuit at rotary coding switch on switch position 6 | 19.1 A |
| for inside-delta circuit at rotary coding switch on switch position 7 for inside delta circuit at rotary coding switch on switch position 7 | 20.3 A |
| for inside-delta circuit at rotary coding switch on switch position 8 for inside-delta circuit at rotary coding switch on switch | 21.5 A 22.7 A |
| position 9 • for inside-delta circuit at rotary coding switch on switch | 23.9 A |
| position 10 • for inside-delta circuit at rotary coding switch on switch | 25.1 A |
| position 11 • for inside-delta circuit at rotary coding switch on switch | 26.3 A |
| position 12 • for inside-delta circuit at rotary coding switch on switch | 27.5 A |
| position 13 • for inside-delta circuit at rotary coding switch on switch | 28.8 A |
| position 14 for inside-delta circuit at rotary coding switch on switch | 30 A |
| position 15 for inside-delta circuit at rotary coding switch on switch | 31.2 A |
| position 16 | 12 A |
| at inside-delta circuit minimum minimum load [%] | 13 A |
| minimum load [%] | 15 %; Relative to smallest settable le |
| power loss [W] for rated value of the current at AC • at 40 °C after startup | 17 W |
| at 50 °C after startup | 17 W |
| at 60 °C after startup | 16 W |
| power loss [W] at AC at current limitation 350 % | |
| • at 40 °C during startup | 276 W |
| • at 50 °C during startup | 241 W |

| • at 60 °C during startup | 200 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 | 1 |
| 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 mm |
| forwards backwards | 10 mm 0 mm |
| | 100 mm |
| upwards downwards | 75 mm |
| at the side | 5 mm |
| weight without packaging | 2.1 kg |
| Connections/ Terminals | |
| type of electrical connection | |
| for main current circuit | screw-type terminals |
| • for control circuit | screw-type terminals |
| type of connectable conductor cross-sections | |
| • for main contacts | |
| — solid | 2x (1.0 2.5 mm²), 2x (2.5 10 mm²) |
| finely stranded with core end processing | 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²) |
| for AWG cables for main current circuit solid | 2x (16 12), 2x (14 8) |
| type of connectable conductor cross-sections | |
| • for control circuit solid | 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) |
| | |

| for control circuit finely stranded with core end processing | 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) |
|--|---|
| for AWG cables for control circuit solid | 1x (20 12), 2x (20 14) |
| wire length | |
| 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] | 40 00 lbs :- |
| for main contacts with screw-type terminals | 18 22 lbf-in |
| for auxiliary and control contacts with screw-type terminals | 7 10.3 lbf-in |
| Ambient conditions | |
| installation altitude at height above sea level maximum | 5 000 m; Derating as of 1000 m, see catalog |
| ambient temperature | o occ m, Bording as or root m, occ salatog |
| during operation | -25 +60 °C; Please observe derating at temperatures of 40 °C or above |
| during operation during storage and transport | -40 +80 °C |
| | - |
| environmental category | 3K6 (no ice formation, only occasional condensation), 2C2 (no celt mist), 2C2 |
| during operation according to IEC 60721 during storage 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) |
| Environmental footprint | |
| Siemens Eco Profile (SEP) | Siemens EcoTech |
| 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 |
| PROFIBUS UL/CSA ratings | Yes |
| | Yes |
| UL/CSA ratings | Yes |
| UL/CSA ratings manufacturer's article number | Yes Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA |
| UL/CSA ratings manufacturer's article number • of circuit breaker usable for Standard Faults | |
| UL/CSA ratings manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 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 — 60/480 V according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 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 — 60/480 V according to UL — at 460/480 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 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 — 60/480 V according to UL — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA |
| wanufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V according to UL — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA |
| ■ of circuit breaker usable for Standard Faults ■ at 460/480 V according to UL ■ 60/480 V according to UL ■ at 460/480 V at inside-delta circuit according to UL ■ 60/480 V at inside-delta circuit according to UL ■ at 575/600 V according to UL ■ at 575/600 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA |
| ■ of circuit breaker usable for Standard Faults ■ at 460/480 V according to UL ■ 60/480 V according to UL ■ at 460/480 V at inside-delta circuit according to UL ■ 60/480 V at inside-delta circuit according to UL ■ at 575/600 V according to UL ■ at 575/600 V at inside-delta circuit according to UL ■ at 575/600 V at inside-delta circuit according to UL ■ at 575/600 V at inside-delta circuit according to UL ■ of the fuse ■ usable for Standard Faults up to 575/600 V | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V according to UL — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — 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 — usable for High Faults up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Type: Class RK5 / K5, max. 70 A; lq = 5 kA |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V according to UL — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — 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 — 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 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 | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3VA51, max. 35 A; Iq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Type: Class RK5 / K5, max. 70 A; Iq = 5 kA Type: Class J / L, max. 70 A; Iq = 100 kA |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — at 575/600 V at inside-delta circuit according to UL — 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 — 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 | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Type: Class RK5 / K5, max. 70 A; lq = 5 kA Type: Class RK5 / K5, max. 70 A; lq = 100 kA Type: Class RK5 / K5, max. 70 A; lq = 5 kA |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — 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 — 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 — usable for High Faults at inside-delta circuit up to 575/600 V according to UL | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3VA51, max. 35 A; Iq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Type: Class RK5 / K5, max. 70 A; Iq = 5 kA Type: Class BK5 / K5, max. 70 A; Iq = 100 kA Type: Class J / L, max. 70 A; Iq = 100 kA Type: Class J / L, max. 70 A; Iq = 100 kA |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — 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 — 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 operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Type: Class RK5 / K5, max. 70 A; lq = 5 kA Type: Class SJ / L, max. 70 A; lq = 100 kA Type: Class J / L, max. 70 A; lq = 100 kA Type: Class J / L, max. 70 A; lq = 100 kA |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — at 575/600 V according 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 — usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Type: Class RK5 / K5, max. 70 A; lq = 5 kA Type: Class S J / L, max. 70 A; lq = 100 kA Type: Class J / L, max. 70 A; lq = 100 kA 3 hp 5 hp |
| manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — at 575/600 V according to UL — 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 — 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 operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 460/480 V at 50 °C rated value | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Type: Class RK5 / K5, max. 70 A; lq = 5 kA Type: Class BK5 / K5, max. 70 A; lq = 100 kA Type: Class J / L, max. 70 A; lq = 100 kA 3 hp 5 hp 10 hp |
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Approvals Certificates

General Product Approval





<u>KC</u>

Confirmation







EMV

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other

Environment



Confirmation





Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5214-1AC14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5214-1AC14

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-1AC14

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5214-1AC14&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

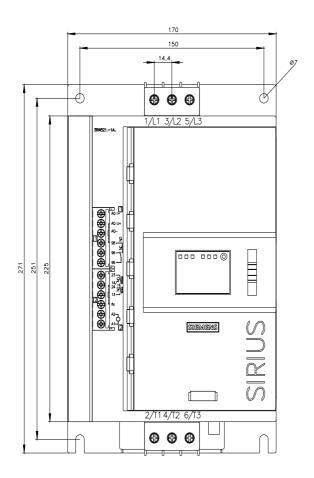
https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-1AC14/char

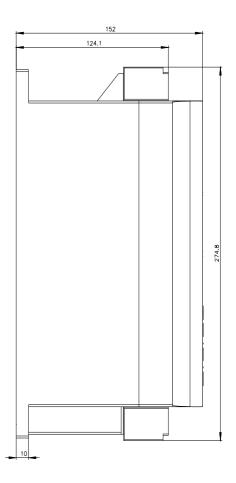
Characteristic: Installation altitude

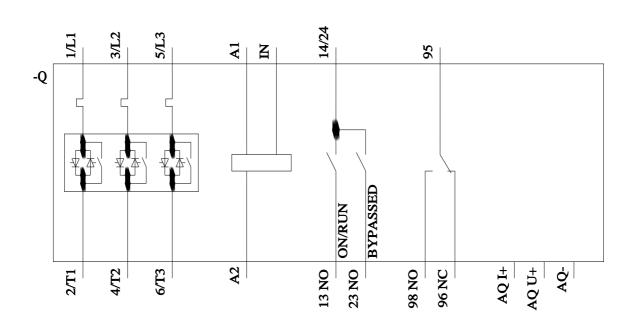
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5214-1AC14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917







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