SIEMENS

Data sheet 3RW5236-6AC14



SIRIUS soft starter 200-480 V 171 A, 110-250 V AC Screw terminals Analog output

| 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 | 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 | 3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 30 kA, CLASS 1 |
| of circuit breaker usable at 500 V | 3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 1 |
| of circuit breaker usable at 400 V at inside-delta circuit | 3VA2440-7MN32-0AA0: Type of coordination 1, Iq = 30 kA, CLASS 1 |
| of circuit breaker usable at 500 V at inside-delta circuit | 3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 1 |
| of the gG fuse usable up to 690 V | 3NA3365-6; Type of coordination 1, Iq = 65 kA |
| of the gG fuse usable at inside-delta circuit up to 500 V | 3NA3365-6; Type of coordination 1, Iq = 65 kA |
| of full range R fuse link for semiconductor protection usable up to 690 V | 3NE1230-0; Type of coordination 2, Iq = 65 kA |
| of back-up R fuse link for semiconductor protection usable up to 690 V | 3NE3335; Type of coordination 2, Iq = 65 kA |

| General technical data | |
|--|--|
| starting voltage [%] | 30 100 % |
| stopping voltage [%] | 50 50 % |
| 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 is supported | |
| HMI-Standard | Yes |
| 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 | 1 400 V |
| service factor | 1 |
| surge voltage resistance rated value | 6 kV |
| maximum permissible voltage for safe isolation | |
| 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 acc. to IEC 60947-4-2 | AC 53a |
| reference code acc. to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 15.02.2018 00:00:00 |
| product function | |
| • ramp-up (soft starting) | Yes |
| • ramp-down (soft stop) | Yes |
| Soft Torque | Yes |
| adjustable current limitation | Yes |
| pump ramp down intringia dovige protection | Yes |
| intrinsic device protection meter everload protection | Yes Very Electronic meter everload protection |
| motor overload protection overloading of thermister meter protection | Yes; Electronic motor overload protection No |
| evaluation of thermistor motor protection incide delta circuit | Yes |
| inside-delta circuitauto-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 |
| 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 | 171 A |
| | |
| at 50 °C rated value at 60 °C rated value | 153 A |
| at 60 °C rated value operational current at inside-delta circuit | 141 A |
| at 40 °C rated value | 296 A |
| at 50 °C rated value at 50 °C rated value | 265 A |
| at 60 °C rated value at 60 °C rated value | 244 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 | -15 % |
| inside-delta circuit | |
| 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 | 45 kW |

| a at 220 V at incide delta circuit at 40 °C rated value | 00 PW |
|---|--|
| at 230 V at inside-delta circuit at 40 °C rated value at 400 V at 40 °C rated value | 90 kW |
| • at 400 V at 40 °C rated value | 90 kW 160 kW |
| at 400 V at inside-delta circuit at 40 °C rated value | 50 Hz |
| Operating frequency 1 rated value 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 | 10 /0 |
| at rotary coding switch on switch position 1 | 81 A |
| at rotary coding switch on switch position 2 at rotary coding switch on switch position 2 | 87 A |
| at rotary coding switch on switch position 3 | 93 A |
| at rotary coding switch on switch position 4 | 99 A |
| at rotary coding switch on switch position 5 | 105 A |
| at rotary coding switch on switch position 6 | 111 A |
| at rotary coding switch on switch position 7 | 117 A |
| at rotary coding switch on switch position 8 | 123 A |
| at rotary coding switch on switch position 9 | 129 A |
| at rotary coding switch on switch position 10 | 135 A |
| at rotary coding switch on switch position 11 | 141 A |
| at rotary coding switch on switch position 12 | 147 A |
| at rotary coding switch on switch position 13 | 153 A |
| at rotary coding switch on switch position 14 | 159 A |
| at rotary coding switch on switch position 15 | 165 A |
| at rotary coding switch on switch position 16 | 171 A |
| • minimum | 81 A |
| adjustable motor current | |
| for inside-delta circuit at rotary coding switch on switch position 1 | 140 A |
| for inside-delta circuit at rotary coding switch on switch position 2 | 151 A |
| for inside-delta circuit at rotary coding switch on switch position 3 | 161 A |
| for inside-delta circuit at rotary coding switch on switch position 4 | 171 A |
| for inside-delta circuit at rotary coding switch on switch position 5 | 182 A |
| • for inside-delta circuit at rotary coding switch on switch position 6 | 192 A |
| for inside-delta circuit at rotary coding switch on switch position 7 | 203 A |
| for inside-delta circuit at rotary coding switch on switch position 8 | 213 A |
| for inside-delta circuit at rotary coding switch on switch position 9 for inside delta circuit at rotary coding switch on switch position. | 223 A |
| for inside-delta circuit at rotary coding switch on switch position 10 for inside-delta circuit at rotary coding switch on | 234 A 244 A |
| switch position 11 • for inside-delta circuit at rotary coding switch on | 255 A |
| switch position 12 • for inside-delta circuit at rotary coding switch on | 265 A |
| switch position 13 • for inside-delta circuit at rotary coding switch on | 275 A |
| switch position 14for inside-delta circuit at rotary coding switch on | 286 A |
| switch position 15 for inside-delta circuit at rotary coding switch on switch position 10. | 296 A |
| switch position 16 • at inside-delta circuit minimum | 140 A |
| at inside-delta circuit minimum minimum load [%] | 15 %; Relative to smallest settable le |
| power loss [W] for rated value of the current at AC | 13 /0, INCIALIVE TO SITIALIEST SELIABLE TE |
| • at 40 °C after startup | 63 W |
| - 41 70 0 41101 01411410 | |
| at 50 °C after startup at 50 °C after startup | 58 W |

| power loss [W] at AC at current limitation 350 % | |
|---|--|
| at 40 °C during startup | 2 405 W |
| at 50 °C during startup | 2 037 W |
| at 60 °C during startup | 1 826 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 |
| locked-rotor current at close of bypass contact | 2.5 A |
| maximum 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 |
| | |
| Inputs/ Outputs | not part of scope of supply |
| Inputs/ Outputs | not part of scope of supply |
| number of digital inputs | not part of scope of supply |
| number of digital inputs number of inputs for thermistor connection | not part of scope of supply 1 0 |
| number of digital inputs number of inputs for thermistor connection number of digital outputs | not part of scope of supply 1 0 3 |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable | not part of scope of supply 1 0 3 2 |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version | not part of scope of supply 1 0 3 |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm |
| number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection | not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 7.15 kg |

| width of connection has maximum | 25 mm |
|--|--|
| width of connection bar maximum | 25 mm |
| type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded | 2v (16 05 mm²) |
| for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded | 2x (16 95 mm²) 2x (25 120 mm²) |
| type of connectable conductor cross-sections | ZX (25 120 IIIIII) |
| for control circuit solid | 1v (0.5 4.0 mm²) 2v (0.5 2.5 mm²) |
| | 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) |
| at 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 | 10 14 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 | 89 124 lbf·in |
| for auxiliary and control contacts with screw-type | 7 10.3 lbf·in |
| terminals | |
| Ambient conditions | 5000 D # 54000 |
| installation altitude at height above sea level maximum | 5 000 m; Derating as of 1000 m, see catalog |
| ambient temperature | 25 ±60 °C: Plages observe denoting at temperatures of 40 °C an |
| during operation | -25 +60 °C; Please observe derating at temperatures of 40 °C or above |
| during storage and transport | -40 +80 °C |
| environmental category | |
| during operation acc. to IEC 60721 | 3K6 (no ice formation, only occasional condensation), 3C3 (no salt |
| 3 1/1 11 11 11 11 11 | mist), 3S2 (sand must not get into the devices), 3M6 |
| during storage acc. to IEC 60721 | 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must |
| | not get inside the devices), 1M4 |
| • during transport acc. 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 | V |
| PROFINET standard | Yes |
| • EtherNet/IP | Yes |
| Modbus RTU | Yes |
| Modbus TCP | Yes |
| PROFIBUS | Yes |
| UL/CSA ratings | |
| manufacturer's article number | |
| of circuit breaker vechle for Standard Faults at 460/490 V | Ciamana huna: 2VAE2, may: 250 A. La = 40 kA |
| usable for Standard Faults at 460/480 V according to UL | Siemens type: 3VA52, max. 250 A; Iq = 10 kA |
| usable for High Faults at 460/480 V according to UL | Siemens type: 3VA52, max. 250 A; lq max = 65 kA |
| usable for Standard Faults at 460/480 V at inside-delta circuit according to UL | Siemens type: 3VA52, max. 250 A; Iq = 10 kA |
| usable for High Faults at 460/480 V at inside- delta circuit according to UL | Siemens type: 3VA52, max. 250 A; lq max = 65 kA |
| usable for Standard Faults at 575/600 V according to UL | Siemens type: 3VA52, max. 250 A; Iq = 10 kA |
| usable for Standard Faults at 575/600 V at inside-delta circuit according to UL | Siemens type: 3VA52, max. 250 A; Iq = 10 kA |
| • of the fuse | |
| usable for Standard Faults up to 575/600 V according to UL | Type: Class RK5 / K5, max. 400 A; Iq = 10 kA |
| usable for High Faults up to 575/600 V according to UL | Type: Class J / L, max. 350 A; Iq = 100 kA |
| usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL | Type: Class RK5 / K5, max. 400 A; Iq = 10 kA |
| usable for High Faults at inside-delta circuit up | Type: Class J / L, max. 350 A; Iq = 100 kA |

| to 575/600 V according to UL | |
|---|---|
| operating power [hp] for 3-phase motors | |
| at 200/208 V at 50 °C rated value | 50 hp |
| at 220/230 V at 50 °C rated value | 50 hp |
| at 460/480 V at 50 °C rated value | 100 hp |
| at 200/208 V at inside-delta circuit at 50 °C rated value | 75 hp |
| at 220/230 V at inside-delta circuit at 50 °C rated value | 100 hp |
| at 460/480 V at inside-delta circuit at 50 °C rated value | 200 hp |
| contact rating of auxiliary contacts according to UL | R300-B300 |
| Safety related data | |
| protection class IP on the front acc. to IEC 60529 | IP00; IP20 with cover |
| touch protection on the front acc. to IEC 60529 | finger-safe, for vertical contact from the front with cover |
| electromagnetic compatibility | in accordance with IEC 60947-4-2 |
| Certificates/ approvals | |

General Product Approval









EMC



Declaration of

Conformity

Test Certificates

Marine / Shipping

Type Test Certificates/Test Report











other

Confirmation

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=3RW5236-6AC14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5236-6AC14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-6AC14

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5236-6AC14\&lang=en}}$

Characteristic: Tripping characteristics, I2t, Let-through current

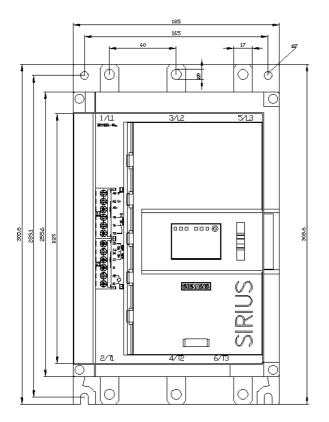
https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-6AC14/char

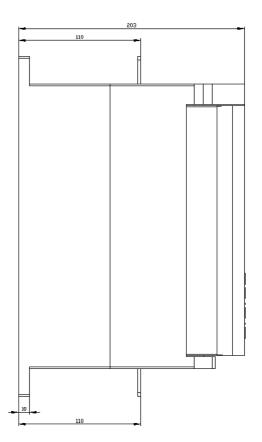
Characteristic: Installation altitude

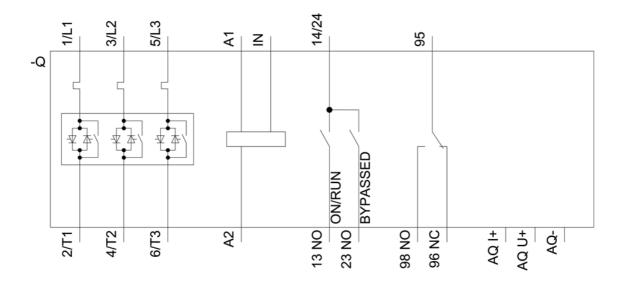
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5236-6AC14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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