SIEMENS

Data sheet

3RW5515-1HA05



SIRIUS soft starter 200-600 V 25 A, 24 V AC/DC Screw terminals

| product brand name | SIRIUS | | |
|---|---|--|--|
| product category | Hybrid switching devices | | |
| product designation | Soft starter | | |
| product type designation | 3RW55 | | |
| manufacturer's article number | | | |
| of high feature HMI module usable | <u>3RW5980-0HF00</u> | | |
| of communication module PROFINET standard usable | <u>3RW5980-0CS00</u> | | |
| of communication module PROFINET high-feature usable | <u>3RW5950-0CH00</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 | 3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10 | | |
| of circuit breaker usable at 500 V | 3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10 | | |
| of circuit breaker usable at 400 V at inside-delta circuit | 3RV2032-4VA10: Type of coordination 1, Iq = 65 kA, CLASS 10 | | |
| of circuit breaker usable at 500 V at inside-delta circuit | 3RV2032-4VA10; Type of coordination 1, Iq = 15 kA, CLASS 10 | | |
| of the gG fuse usable up to 690 V | 3NA3822-6; Type of coordination 1, Iq = 65 kA | | |
| of the gG fuse usable at inside-delta circuit up to 500 V | <u>3NA3822-6; Type of coordination 1, Iq = 65 kA</u> | | |
| of full range R fuse link for semiconductor protection usable up to 690 V | <u>3NE1817-0; Type of coordination 2, Iq = 65 kA</u> | | |
| of back-up R fuse link for semiconductor protection usable up to 690 V | <u>3NE8021-1: Type of coordination 2. Iq = 65 kA</u> | | |
| General technical data | | | |
| starting voltage [%] | 20 100 % | | |
| stopping voltage [%] | 50 50 % | | |
| start-up ramp time of soft starter | 0 360 s | | |
| ramp-down time of soft starter | 0 360 s | | |
| start torque [%] | 10 100 % | | |
| stopping torque [%] | 10 100 % | | |
| torque limitation [%] | 20 200 % | | |
| current limiting value [%] adjustable | 125 800 % | | |
| breakaway voltage [%] adjustable | 40 100 % | | |
| breakaway time adjustable | 0 2 s | | |
| number of parameter sets | 3 | | |

| accuracy class acc. to IEC 61557-12 | 5 % |
|---|--|
| certificate of suitability | |
| CE marking | Yes |
| UL approval | Yes |
| CSA approval | Yes |
| product component | |
| HMI-High Feature | Yes |
| is supported HMI-High Feature | Yes |
| product feature integrated bypass contact system | Yes |
| number of controlled phases | 3 |
| trip class | CLASS 10A / 10E (default) / 20E / 30E; acc. to IEC 60947-4-2 |
| current unbalance limiting value [%] | 10 60 % |
| ground-fault monitoring limiting value [%] | 10 95 % |
| recovery time after overload trip adjustable | 60 1 800 s |
| buffering time in the event of power failure | |
| for main current circuit | 100 ms |
| for control circuit | 100 ms |
| idle time adjustable | 0 255 s |
| 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 | 1.15 |
| surge voltage resistance rated value | 6 kV |
| maximum permissible voltage for safe isolation | |
| between main and auxiliary circuit | 600 V; does not apply for thermistor connection |
| utilization category acc. to IEC 60947-4-2 | AC 53a |
| shock resistance | 15 g / 11 ms, from 6 g / 11 ms with potential contact lifting |
| | |
| vibration resistance | 15 mm up to 6 Hz; 2 g up to 500 Hz |
| vibration resistance reference code acc. to IEC 81346-2 | 15 mm up to 6 Hz; 2 g up to 500 Hz Q |
| | |
| reference code acc. to IEC 81346-2 | Q |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) | Q |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function | Q 15.02.2018 00:00:00 |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse | Q 15.02.2018 00:00:00 Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) | Q 15.02.2018 00:00:00 Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse | Q 15.02.2018 00:00:00 Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation | Q 15.02.2018 00:00:00 Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
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| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor of thermistor motor protection | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • evaluation of thermistor motor protection • inside-delta circuit • auto-RESET | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • evaluation of thermistor motor protection • inside-delta circuit • auto-RESET • manual RESET | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor RESET • manual RESET • remote reset | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor RESET • manual RESET • remote reset • communication function | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor RESET • remote reset • communication function | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor eletta circuit • auto-RESET • remote reset • communication function • operating measured value display • event list | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • auto-RESET • manual RESET • remote reset • communication function • operating measured value display • event list • error logbook | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |
| reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function ramp-up (soft starting) ramp-down (soft stop) breakaway pulse adjustable current limitation creep speed in both directions of rotation pump ramp down DC braking motor heating slave pointer function trace function intrinsic device protection motor overload protection evaluation of thermistor motor protection inside-delta circuit auto-RESET remote reset communication function operating measured value display event list error logbook via software parameterizable | Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes |

| • apring type terminal | No | | | |
|--|--|--|--|--|
| spring-type terminal PROFlenergy | Yes; in connection with the PROFINET Standard and PROFINET High- | | | |
| • FROHenergy | Feature communication modules | | | |
| • firmware update | Yes | | | |
| removable terminal for control circuit | Yes | | | |
| voltage ramp | Yes | | | |
| torque control | Yes | | | |
| combined braking | Yes | | | |
| analog output | Yes; 4 20 mA (default) / 0 10 V | | | |
| programmable control inputs/outputs | Yes | | | |
| condition monitoring | Yes | | | |
| automatic parameterisation | Yes | | | |
| | Yes | | | |
| application wizards | | | | |
| alternative run-down | Yes | | | |
| emergency operation mode | Yes | | | |
| reversing operation | Yes | | | |
| soft starting at heavy starting conditions | Yes | | | |
| Power Electronics | | | | |
| operational current | | | | |
| • at 40 °C rated value | 25 A | | | |
| at 40 °C rated value minimum | 5 A | | | |
| • at 50 °C rated value | 22.3 A | | | |
| • at 60 °C rated value | 19.6 A | | | |
| operational current at inside-delta circuit | | | | |
| at 40 °C rated value | 43.3 A | | | |
| at 50 °C rated value | 39 A | | | |
| • at 60 °C rated value | 33.9 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 | -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 | 5.5 kW | | | |
| at 230 V at inside-delta circuit at 40 °C rated value | 11 kW | | | |
| at 400 V at 40 °C rated value | 11 kW | | | |
| at 400 V at inside-delta circuit at 40 °C rated value | 18.5 kW | | | |
| at 400 V at 10side-deita circuit at 40 °C rated value at 500 V at 40 °C rated value | 15.5 kW | | | |
| at 500 V at 40° C rated value at 500 V at inside-delta circuit at 40 °C rated value | 15 KVV 22 kW | | | |
| • at 500 v at inside-delta circuit at 40 °C rated value Operating frequency 1 rated value | 50 Hz | | | |
| Operating frequency 1 rated value | 60 Hz | | | |
| relative negative tolerance of the operating frequency | -10 % | | | |
| relative negative tolerance of the operating frequency | 10 % | | | |
| minimum load [%] | 10 %; Relative to set le | | | |
| power loss [W] for rated value of the current at AC | | | | |
| • at 40 °C after startup | 8 W | | | |
| • at 50 °C after startup | 7 W | | | |
| • at 60 °C after startup | 6 W | | | |
| power loss [W] at AC at current limitation 350 % | | | | |
| • at 40 °C during startup | 364 W | | | |
| • at 50 °C during startup | 309 W | | | |
| | 262 W | | | |
| t to °C during startup type of the motor protection | Electronic, tripping in the event of thermal overload of the motor | | | |
| Control circuit/ Control | | | | |
| | | | | |
| type of voltage of the control supply voltage | AC/DC | | | |

| control supply voltage at AC | | | |
|---|--|--|--|
| at 50 Hz rated value | 24 V | | |
| • at 60 Hz rated value | 24 V | | |
| relative negative tolerance of the control supply voltage at AC at 50 Hz | -20 % | | |
| relative positive tolerance of the control supply voltage at AC at 50 Hz | 20 % | | |
| relative negative tolerance of the control supply voltage at AC at 60 Hz | -20 % | | |
| relative positive tolerance of the control supply voltage at AC at 60 Hz | 20 % | | |
| 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 voltage | | | |
| at DC rated value | 24 V | | |
| relative negative tolerance of the control supply voltage at DC | -20 % | | |
| relative positive tolerance of the control supply voltage at DC | 20 % | | |
| control supply current in standby mode rated value | 420 mA | | |
| holding current in bypass operation rated value | 820 mA | | |
| locked-rotor current at close of bypass contact maximum | 0.91 A | | |
| inrush current peak at application of control supply voltage maximum | 7.5 A | | |
| duration of inrush current peak at application of control supply voltage | 20 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 | 4 | | |
| • parameterizable | 4 | | |
| number of inputs for thermistor connection | 1; Type A PTC or Klixon / Thermoclick | | |
| number of digital outputs | 4 | | |
| number of digital outputs parameterizable | 3 | | |
| number of digital outputs not parameterizable | 1 | | |
| digital output version | 3 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 | Vertical (can be rotated +/- 90° and tilted forward or backward +/- 22.5°) | | |
| fastening method | screw fixing | | |
| height | 275 mm | | |
| width | 170 mm | | |
| depth | 152 mm | | |
| required spacing with side-by-side mounting | | | |
| forwards | 10 mm | | |
| backwards | 0 mm | | |
| • upwards | 100 mm | | |
| downwards | 75 mm | | |
| at the side | 5 mm | | |
| weight without packaging | 2.3 kg | | |
| Connections/ Terminals | | | |
| type of electrical connection | | | |
| | | | |

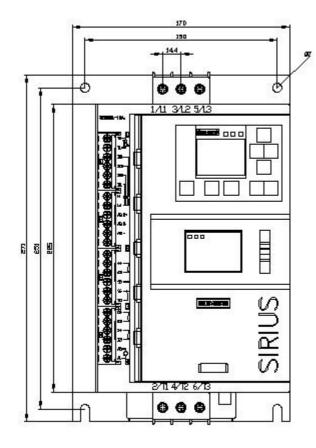
| for main current circuit | screw-type terminals | | | |
|--|--|--|--|--|
| for control circuit | crew-type terminals | | | |
| wire length for thermistor connection with conductor cross-section = 0.5 mm² maximum | 50 m | | | |
| | 50 m 150 m | | | |
| with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum | 250 m | | | |
| | 250 M | | | |
| type of connectable conductor cross-sections | | | | |
| for main contacts | $2x(4.0, 0.5, mm^2)$ $2x(2.5, 40, mm^2)$ | | | |
| — solid | 2x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) | | | |
| finely stranded with core end processing at AWC applies for main surrent sizuit solid | 2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²) | | | |
| at AWG cables for main current circuit solid type of connectable conductor cross-sections | 2x (16 12), 2x (14 8) | | | |
| for control circuit solid | 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) | | | |
| for control circuit solid for control circuit finely stranded with core end | $1x (0.5 \dots 2.5 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 2.5 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ | | | |
| processing | TX (0.5 2.5 mm), 2X (0.5 1.5 mm) | | | |
| 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 DC maximum | 1 000 m | | | |
| Ambient conditions | | | | |
| installation altitude at height above sea level maximum | 5 000 m; Derating as of 1000 m, see catalog | | | |
| ambient temperature | | | | |
| during operation | -25 +60 °C; Please observe derating at temperatures of 40 °C or | | | |
| | above | | | |
| during storage and transport | -25 +80 °C | | | |
| environmental category | | | | |
| during operation acc. 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 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 | | | | |
| PROFINET standard | Yes | | | |
| PROFINET high-feature | No | | | |
| • EtherNet/IP | No | | | |
| Modbus RTU | No | | | |
| Modbus TCP | Yes | | | |
| • PROFIBUS | Yes | | | |
| 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. 70 A or 3VA51, max. 80 A; lq = 5 kA | | | |
| — usable for High Faults at 460/480 V according to UL | Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA | | | |
| usable for Standard Faults at 460/480 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA | | | |
| — usable for High Faults at 460/480 V at inside- delta circuit according to UL | Siemens type: 3VA51, max. 60 A; lq max = 65 kA | | | |
| — usable for Standard Faults at 575/600 V according to UL | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA | | | |
| — usable for High Faults at 575/600 V at inside- delta circuit according to UL | Siemens type: 3VA51, max. 60 A; lq max = 65 kA | | | |
| — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA | | | |
| of the fuse | | | | |
| — usable for Standard Faults up to 575/600 V according to UL | Type: Class RK5 / K5, max. 100 A; Iq = 5 kA | | | |
| — usable for High Faults up to 575/600 V | Type: Class J / L, max. 100 A; lq = 100 kA | | | |

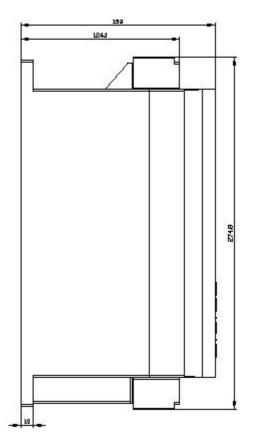
| according to | | | | | | | |
|--|--|-------------------------------------|---|---|--------------------|-------------------------------------|--|
| circuit up to 5 | Standard Faults at insid 75/600 V according to 0 | o UL | | Type: Class RK5 / K5, max. 100 A; lq = 5 kA | | | |
| — usable for High Faults at inside-delta circuit up to 575/600 V according to UL | | Туре | e: Class J / L, max. 100 | A; lq = 100 kA | | | |
| operating power [hp |] for 3-phase motors | | | | | | |
| at 200/208 V at | 50 °C rated value | | 5 hp | | | | |
| at 220/230 V at | at 220/230 V at 50 °C rated value | | 7.5 h | ıp | | | |
| at 460/480 V at | 50 °C rated value | | 15 h | 15 hp | | | |
| • at 575/600 V at | • at 575/600 V at 50 °C rated value | | 20 h | 20 hp | | | |
| ● at 200/208 V at value | inside-delta circuit at 5 | 0 °C rated | 10 h | 10 hp | | | |
| ● at 220/230 V at value | inside-delta circuit at 5 | 0 °C rated | 10 h | 10 hp | | | |
| ● at 460/480 V at value | inside-delta circuit at 5 | 0 °C rated | 25 h | p | | | |
| ● at 575/600 V at value | inside-delta circuit at 5 | 0 °C rated | 30 h | p | | | |
| contact rating of au | kiliary contacts accord | ling to UL | R300 | D-B300 | | | |
| Safety related data | | | | | | | |
| | on the front acc. to IEC | 60529 | IP20 | | | | |
| | | | | er-safe, for vertical cont | act from the front | | |
| | touch protection on the front acc. to IEC 60529 electromagnetic compatibility | | - | to IEC 60947-4-2 | | | |
| ATEX | | | | | | | |
| certificate of suitabi | lity | | | | | | |
| ATEX | iity | | Yes | | | | |
| • IECEx | | | Yes | | | | |
| | EX directive 2014/34/E | 11 | | | | | |
| type of protection a | according to ATEX directive 2014/34/EU type of protection according to ATEX directive | | BVS 18 ATEX F 003 X II (2)G [Ex eb Gb] [Ex db Gb] [Ex pxb Gb], II (2)D [Ex tb Db] [Ex pxb Db], | | | | |
| 2014/34/EU hardware fault tolerance acc. to IEC 61508 relating to | | I (M2) [Ex db Mb] 0 | | | | | |
| ATEX Safety Integrity Leve to ATEX | el (SIL) acc. to IEC 615 | 08 relating | SIL1 | | | | |
| Certificates/ approval | S | | | | | | |
| General Product Ap | | | | | EMC | For use in hazard- ous locations | |
| SP |))) | ሠ | | FAL | Ø | IECE× | |
| CSA | ccc | UL | | LIIL | RCM | IECE× | |
| | | | | | | | |
| For use in hazard- ous locations | Declaration of Conformity | Test Certifica | ates | Marine / Shipping | | | |
| K X | CE EG-Konf, | <u>Type Test Ce</u> ates/Test Re | | ABS | | Lloyd's Register us | |
| | EG-RUIT. | | | | | | |
| | 23 Auril. | | | | | | |
| Marine / Shipping | LONDIN | other | | | | | |
| Marine / Shipping | | other Confirmatio | <u>on</u> | | | | |

Further information

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=3RW5515-1HA05 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5515-1HA05 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RW5515-1HA05 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5515-1HA05&lang=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5515-1HA05/char Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5515-1HA05&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

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







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