SIEMENS

Data sheet

3RW5215-1AC05



SIRIUS soft starter 200-600 V 25 A, 24 V AC/DC 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 | <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 | <u>3RV2032-4EA10;</u> Type of coordination 1, Iq = 65 kA, CLASS 10 |
| of circuit breaker usable at 500 V | <u>3RV2032-4EA10;</u> Type of coordination 1, Iq = 15 kA, CLASS 10 |
| of circuit breaker usable at 400 V at inside-delta circuit | <u>3RV2032-4VA10;</u> Type of coordination 1, Iq = 65 kA, CLASS 10 |
| of circuit breaker usable at 500 V at inside-delta circuit | <u>3RV2032-4VA10;</u> Type of coordination 1, Iq = 15 kA, CLASS 10 |
| of the gG fuse usable up to 690 V | <u>3NA3822-6;</u> Type of coordination 1, Iq = 65 kA |
| of the gG fuse usable at inside-delta circuit up to 500 V | <u>3NA3822-6;</u> Type of coordination 1, Iq = 65 kA |
| of full range R fuse link for semiconductor protection usable up to 690 V | <u>3NE1817-0;</u> Type of coordination 2, Iq = 65 kA |
| of back-up R fuse link for semiconductor protection usable up to 690 V | <u>3NE8021-1;</u> Type of coordination 2, Iq = 65 kA |
| 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 | |

| e | 400 | | | | |
|---|--|--|--|--|--|
| • 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 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 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; 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 | 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 | 25 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 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 | 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 500 V at 40 °C rated value | 15 kW | | | | |
| | | | | | |

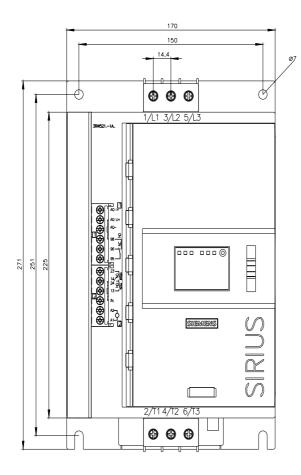
| at 500 V at inside-delta circuit at 40 °C rated value | 22 kW |
|--|--|
| Operating frequency 1 rated value | 50 Hz |
| Operating frequency 2 rated value | 60 Hz |
| relative negative tolerance of the operating frequency | -10 % |
| relative positive tolerance of the operating frequency | 10 % |
| adjustable motor current | |
| at rotary coding switch on switch position 1 | 11.5 A |
| at rotary coding switch on switch position 2 | 12.4 A |
| at rotary coding switch on switch position 3 | 13.3 A |
| at rotary coding switch on switch position 4 | 14.2 A |
| at rotary coding switch on switch position 5 | 15.1 A |
| at rotary coding switch on switch position 6 | 16 A |
| at rotary coding switch on switch position 7 | 16.9 A |
| at rotary coding switch on switch position 8 | 17.8 A |
| at rotary coding switch on switch position 9 | 18.7 A |
| at rotary coding switch on switch position 10 | 19.6 A |
| at rotary coding switch on switch position 11 | 20.5 A |
| at rotary coding switch on switch position 12 | 21.4 A |
| at rotary coding switch on switch position 13 | 22.3 A |
| at rotary coding switch on switch position 14 | 23.2 A |
| at rotary coding switch on switch position 15 | 24.1 A |
| at rotary coding switch on switch position 16 | 25 A |
| • minimum | 11.5 A |
| adjustable motor current | |
| for inside-delta circuit at rotary coding switch on switch position 1 | 19.9 A |
| for inside-delta circuit at rotary coding switch on switch position 2 | 21.5 A |
| for inside-delta circuit at rotary coding switch on switch position 3 | 23 A |
| for inside-delta circuit at rotary coding switch on switch position 4 | 24.6 A |
| for inside-delta circuit at rotary coding switch on switch position 5 | 26.2 A |
| for inside-delta circuit at rotary coding switch on switch position 6 | 27.7 A |
| for inside-delta circuit at rotary coding switch on switch position 7 | 29.3 A |
| for inside-delta circuit at rotary coding switch on switch position 8 | 30.8 A |
| for inside-delta circuit at rotary coding switch on switch position 9 | 32.4 A |
| for inside-delta circuit at rotary coding switch on switch position 10 | 33.9 A |
| for inside-delta circuit at rotary coding switch on switch position 11 | 35.5 A |
| for inside-delta circuit at rotary coding switch on switch position 12 | 37.1 A |
| for inside-delta circuit at rotary coding switch on switch position 13 | 38.6 A |
| for inside-delta circuit at rotary coding switch on switch position 14 | 40.2 A |
| for inside-delta circuit at rotary coding switch on switch position 15 | 41.7 A |
| for inside-delta circuit at rotary coding switch on switch position 16 | 43.3 A |
| at inside-delta circuit minimum | 19.9 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 | 20 W |
| • at 50 °C after startup | 19 W |
| • at 60 °C after startup | 18 W |
| power loss [W] at AC at current limitation 350 % | |
| • at 40 °C during startup | 376 W |
| • at 50 °C during startup | 318 W |
| • at 60 °C during startup | 278 W |
| Control circuit/ Control | |
| | |

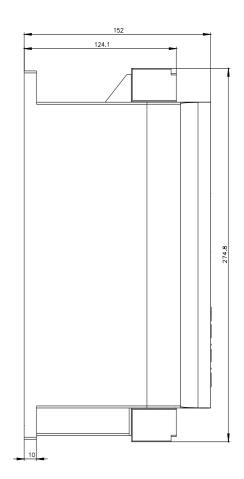
| type of voltage of the control supply voltage | AC/DC |
|--|---|
| control supply voltage at AC | |
| at 50 Hz rated value | 24 V |
| at 60 Hz rated value | 24 V |
| relative negative tolerance of the control supply voltage at AC at 50 Hz | -20 % |
| relative positive tolerance of the control supply 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 | 160 mA |
| holding current in bypass operation rated value | 360 mA |
| inrush current peak at application of control supply voltage maximum | 3.3 A |
| duration of inrush current peak at application of control supply voltage | 12.1 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 | vertical mounting surface screw fixing |
| fastening method height | - |
| 0 | screw fixing |
| height | screw fixing 275 mm |
| height width | screw fixing 275 mm 170 mm |
| height width depth | screw fixing 275 mm 170 mm |
| height width depth required spacing with side-by-side mounting | screw fixing 275 mm 170 mm 152 mm |
| height width depth required spacing with side-by-side mounting • forwards | screw fixing 275 mm 170 mm 152 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards • upwards | screw fixing 275 mm 170 mm 152 mm 0 mm 100 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side | screw fixing 275 mm 170 mm 152 mm 0 mm 100 mm 75 mm 5 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging | screw fixing 275 mm 170 mm 152 mm 0 mm 100 mm 75 mm 5 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals | screw fixing 275 mm 170 mm 152 mm 0 mm 100 mm 75 mm 5 mm |
| height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg |
| 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 • for main current circuit | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg |
| height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg |
| height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit type of connectable conductor cross-sections | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg |
| height width depth required spacing with side-by-side mounting forwards backwards backwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit type of connectable conductor cross-sections for main contacts | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals screw-type terminals |
| height width depth required spacing with side-by-side mounting | screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals screw-type terminals 2x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) |

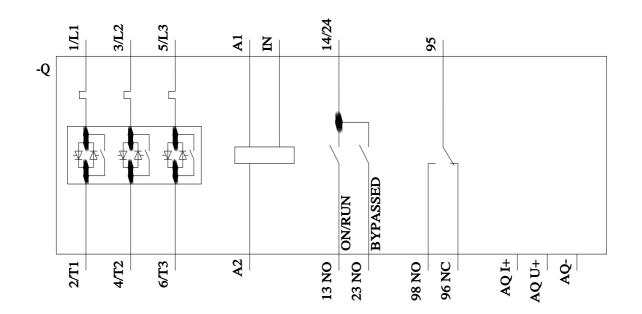
| modessing extension extension 1x (20 12), 2x (20 14) wire length 800 m extenses not starter and motor maximum 800 m extenses not starter and motor maximum 1000 m extenses not starter and motor maximum 1000 m extense digital inputs at C maximum 1000 m ethr main contrads with screw-type terminals 2 2.5 N m ethr main contrads with screw-type terminals 18 22 Leftin ethr main contrads with screw-type terminals 18 22 Leftin ethr main contrads with screw-type terminals 18 22 Leftin ethrmads 7 10.3 lbfin ethrmads 5000 m, Dearsting as of 1000 m, see catalog ethrmads at beight natures of 40 °C or above -40 48 °C ethring dorage and transport -40 48 °C ethring dorage and transport -40 48 °C ethring dorage according to IEC 60721 25 460 °C; Please observe densing at temperatures of 40 °C or above ethring dorage according to IEC 60721 26 12 22 Lex (max. till height 0 30.60 ethremite interference 25 460 °C; Please observe densing at temperatures of 40 °C or above | for control circuit solid | |
|--|---|---|
| A WG cables for control circuit solid Ye (20 12), 2x (20 14) Work length Lower soft staffer and motor maximum Bo0 m at the digital inputs at AC maximum 100 m at the digital inputs at AC maximum 100 m for main contacts with sorrew-type terminals for main contacts with sorrew type terminals for main cont | | 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) |
| wite length Born in the digital inputs at AC maximum Born in the digital inputs at AC maximum • at the digital inputs at AC maximum 1000 m • for main contradis with sore-type terminals 2 2.5 Nm • for main contradis with sore-type terminals 0.8 1.2 N m • for main control contracts with sore-type terminals 18 22 lbf in • for auxiliary and control contracts with sore-type terminals 18 22 lbf in • for auxiliary and control contracts with sore-type terminals 5 000 m. Derating as of 1000 m, see catalog mbient conditions 5 000 m. Derating as of 1000 m, see catalog • during soread managent -40 480 °C • during soread managent -40 480 °C • during soread namagent -40 480 °C • during soread according to IEC 60721 3K (no los formation, only occasional condensation), 3C3 (no sait mist), 352 (sand must not get intib the devices), 3M6 • during storeag according to IEC 60721 3K (no los formation, only occasional condensation), 3C3 (no sait mist), 352 (sand must not get intible devices), 3M6 • during storeag according to IEC 60721 Yes • during storeag according to IEC 60721 Yes • during transport according to IEC 60721 Yes • durin | | |
| ebsiven soft starter and motor maximum 100 m ether digital inputs at 2C maximum ether digital inputs at 2C maximu | | 1x (20 12), 2x (20 14) |
| it the digital inputs at AC maximum 100 m it the digital inputs at AC maximum 100 m it the digital inputs at AC maximum 100 m it the digital inputs at AC maximum 100 m it or nation contrates with screw-type terminals if or auditory and control contacts with screw-type if or nation controls on this screw-type terminals if or auditory and control contacts with screw-type if or nation controls on this screw-type terminals if or auditory and control contacts with screw-type if onling storage according to IEC 60721 if on one for auditary and control contacts with screw-type if onling storage according to IEC 60721 if on one for auditary and control contacts with screw-type if onling storage according to IEC 60721 if on one interforence if on one interforence if on interforence if on one interforence if on one interforence if on one interforence if on one interforence if one interforence if | - | |
| | | |
| tightening torque - | o | |
| of main contacts with screw-type terminals 2 25 N m 0.8 1.2 N m 0.9 1.2 N m 0.0 1.1 N m 0.0 1.1 N m | | 1 000 m |
| of a audiary and control contacts with screw-type terminals of or naic contacts with screw-type terminals of or audiary and control contacts with screw-type terminals affortation attude at height above sea level maximum ambient temperature during storage and transport during storage and transport during storage according to IEC 60721 ended to st | tightening torque | |
| terminals 18 22 lbfin • for main contacts with screw-type terminals 7 10.3 lbfin • for main contacts with screw-type 7 10.3 lbfin Installation alltude at height above sea level maximum 5 000 m: Derating as of 1000 m, see catalog • during operation 5 000 m: Derating as of 1000 m, see catalog • during operation -40 - +60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -40 - +60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -40 - +60 °C; Please observe derating at temperatures of 40 °C or above • during tarsport ecording to IEC 60721 366 fro ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inb the devices), 1M4, 152 (sand must not get inb the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (sand must not get inside the devices), 1M4, 152 (san | for main contacts with screw-type terminals | 2 2.5 N·m |
| tight ming torque (ID+in) 15 16 22 bb/m • for main contacts with screw-type terminals 7 1.0.3 bb/m Ambient conditions 5 000 m: Dentiting as of 1000 m, see catalog • during operation -25 -40 °C • during operation -20 -40 °C • during operation -20 -40 °C • during storage and transport -40 -40 °C • during storage according to IEC 60721 3K6 (no los formation, only occasional condensation), 3C3 (no satt mist), 152 (sand must not get into the devices), 3M6 • during thorage according to IEC 60721 3K6 (no los formation, only occasional condensation), 1C2 (no satt mist), 152 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fail height 0.3 m) acc. to IEC 60974-2: Class A • PROFINET standard Yes • Modbus RTU Yes • EnerNeti/P Yes • Modbus RTU Yes • Directub breaker - usable for Standard Faults at 460/480 V at coording to U. • usable for Standard Faults at 460/480 V at coording to U. Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 | | 0.8 1.2 N·m |
| • for main contacts with screw-type terminals 1822 lb/in • for auxiliary and control contacts with screw-type terminals 710.3 lb/in Ambient conditions 5000 m; Derating as of 1000 m, see catalog • during storage and transport -0 | | |
| | | |
| Ambient conditions Installation altitude at height above sea level maximum Installation module is supported Installation module is supported Installation module is supop | | |
| Ambient conditions Instalation altitude at height above sea level maximum amblent temperature • during operation • during storage and transport environmental category • during storage according to IEC 60721 • during transport according to IL | | 7 10.3 lbf·in |
| Instalation elititude at height above sea level maximum ambient temperature duing operation duing storage and transport duing storage and transport duing storage according to IEC 60721 duing transport according to IEC 60721 | | |
| amblent temperature -25+60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -40+80 °C • during storage and transport -40+80 °C • during storage according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inside the devices), 3M6 • during storage according to IEC 60721 3K6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) • Demunication Protocol ves communication Protocol Ves • Modobus RTU Yes • O circuit breaker Yes • of circuit breaker Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • of circuit breaker Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • usable for Signader 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 • of the fuse - usable for Signader Faults at 3575600 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • of the fuse <td></td> <td></td> | | |
| during operation during storage and transport during storage and transport during storage and transport during operation according to IEC 60721 dki (no Lie formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get into the devices), 3M6 during storage according to IEC 60721 dki (on Lie formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inside the devices), 1M4 during transport according to IEC 60721 Zk, 2C1, 2S1, Zk2 (max, 1d) height 0.3 m) acc. to IEC 60047-4-2: Class A Communication Module is supported PROFINET standard Yes EtherNet/IP Yes PROFIBUS Ves ULCSA tatings manufacturer's article number of circuit braker - usable for Standard 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 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 according to UL - usable for Standard Faults at 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 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 up to 575/600 V according to UL - usable for Standard Faults up to 575/600 V according to UL - usable | - | 5 000 m; Derating as of 1000 m, see catalog |
| above above -40 +80 °C environmental category -40 +80 °C • during operation according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get into the devices), 3M6 • during storage according to IEC 60721 2K2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) acc. to IEC 60947-4.2: Class A Communication module is supported • PROFIBUS • PROFIBUS Yes • Modbus RTU Yes • Modbus TCP Yes • Modbus TCP Yes • DROFIBUS Yes • ULCSA ratings Yes • 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 Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • ousable 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 • according to UL - usable for Standard Faults at 57/600 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • of the fuse - usable for Standard Faults at 57/600 V ac | | |
| • during storage and transport -40 +80 °C • 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 devices), 3M6 • during transport according to IEC 60721 2K2, 2C1, 2S2, 2M2 (max, fall height 0.3 m) • during transport according to IEC 60721 2K2, 2C1, 2S2, 2M2 (max, fall height 0.3 m) • PROFINET standard Yes • PROFINET standard Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus RTU Yes • Drop FINET standard Yes • PROFIBUS Yes UUCSA ratings Yes • 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 Standard Faults at 460/480 V at inside-detta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • usable for Standard Faults at 575600 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA • according to UL • usable for Standard Faults at 575600 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq | during operation | |
| environmental category during operation according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 SK6 (no is formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 SK6 (no) voccasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 Sk6 (no) voccasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 Sk6 (no) voccasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 Sk6 (no) voccasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6 • during transport according to IL Vec s • of according to IL Vec s • usable for High 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 Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or | | |
| during operation according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 ZK2, 2021, 232, 12A2 (zmax. tall height 0.3 m) acc. to IEC 60947.4.2: Class A Communication/ Protocol communication module is supported PROFINET standard Yes Modbus RTU Yes Modbus RTU Yes Modbus TCP PROFIBUS TV Modbus TCP ves | | -40 +80 °C |
| • during storage according to IEC 60721 mist), 352 (sand must nof get into the devices), 3M6 ⁻¹ • during transport according to IEC 60721 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get lins the devices), 1M4 • during transport according to IEC 60721 2K2, 201, 2S1, 2M2 (max. fail height 0.3 m) according to IEC 6097.4-2: Class A Communication module is supported • RCPINET standard • RROFINET standard Yes • Modbus TCP Yes • Inside for Standard Faults at 460/480 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA inside detta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA iside of High Faults at 450/480 V at inside-detta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA iside-deta circuit according to UL Si | | |
| during storage according to IEC 60721 If (6 (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. fail height 0.3 m) acc. to IEC 60947-4-2; Class A Communication module is supported PROFINET standard PROFINET standard PROFIBUS Modbus RTU Yes Modbus RTU Yes Modbus TCP Yes VICCSA ratings manufacturer's article number of circuit breaker - usable for Standard 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 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 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 according to UL - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at inside-delta - usable for Standard Faults at inside-delta - usable for Standard Faults at inside-delta - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at inside-delta - usable for Stan | during operation according to IEC 60721 | |
| • 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 • PROFINET standard • PROFINET standard Yes • Modbus RTU Yes • Standard Faults at 460/480 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA • usable for Standard Faults at 460/480 V at inside-defla circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA • usable for Standard Faults at 575/600 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA • of the fuse - usable for Standa | e during storage according to IEC 00704 | |
| during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) acc. to IEC 60947-4-2; Class A Communication module is supported PROFINET standard PROFINET standard Yes Modbus RTU Yes Modbus RTU Yes Modbus RTCP PROFIBUS VICSA ratings ULCSA ratings ULCSA ratings ULCSA rating ULSCSA rating SIN | during storage according to IEC 60721 | |
| EMC emitted interference acc. to IEC 60947-4-2: Class A Communication/ Protocol communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • Modbus RTU • Modbus TCP • Modbus TCP • PROFIBUS UL/SA 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 at coording to UL - usable for Standard Faults at 460/480 V at coording to UL - usable for Standard Faults at 460/480 V at coording to UL - usable for Standard Faults at 460/480 V at coording to UL - usable for Standard Faults at 460/480 V at coording to UL - usable for Standard Faults at 657/600 V 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 Figh Faults at up to 575/600 V according to UL - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at inside-delta circuit according to UL - usable for Figh Faults at up to 575/600 V according to UL - usable for High Faults at inside-delta circu | during transport according to IEC 60721 | |
| Communication module is supported • PROFINET standard Yes • ElberkNetIP Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus RTU Yes • ROFIRUS Yes UL/CSA ratings Yes manufacturer's article number • of circuit breaker | | |
| communication module is supported • PROFINET standard Yes • PROFINET standard Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes ULCSA ratings manufacturer's article number • of circuit breaker usable for Standard Faults at 460/480 V according to UL Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 KA u usable for High Faults at 460/480 V at Siemens type: 3RV2742, max.70 A or 3VA51, max. 80 A; lq = 5 kA u usable for Standard Faults at 575/600 V Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA usable for Standard Faults at 575/600 V Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA inside-detta circuit according to UL usable for High Faults at 575/600 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA ausable for High Faults to 575/600 V according to UL | | 200.1012000047-4-2.012337 |
| PROFINET standard Yes EtherNet/IP Yes Modbus RTU Yes Modbus RTU Yes Modbus RTU Yes PROFIBUS Yes PROFIBUS Yes UL/CSA ratings UL/CSA ratings Silemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA cording to U. usable for Standard Faults at 460/480 V at coording to U. usable for Standard Faults at 460/480 V at inside-delta circuit according to U. usable for Standard Faults at 460/480 V at inside-delta circuit according to U. usable for Standard Faults at 460/480 V at inside-delta circuit according to U. usable for Standard Faults at 575/600 V according to U. usable for Standard Faults at 575/600 V according to U. usable for Standard Faults at 575/600 V according to U. usable for Standard Faults at 575/600 V according to U. usable for Standard Faults at 575/600 V according to U. usable for Standard Faults up to 575/600 V according to U. usable for Standard Faults up to 575/600 V according to U. usable for Standard Faults up to 575/600 V according to U. usable for Standard Faults up to 575/600 V according to U. usable for Standard Faults up to 575/600 V according to U. usable for Standard Faults up to 575/600 V according to U. usable for Standard Faults at inside-delta circuit according to U. usable for Standard Faults at inside-delta circuit tup to 575/600 V according to U. usable for Standard Faults at inside-delta circuit according to U. usable for Standard Faults at inside-delta circuit tup to 575/600 V according to U. usable for Standard Faults at inside-delta circuit tup to 575/600 V according to U. usable for High | | |
| • EtherNet/IPYes• Modbus RTUYes• Modbus TOPYes• Modbus TOPYes• PROFIBUSYesUL/CSA ratingsmanufacturer's article number• of circuit breaker- usable for Standard Faults at 460/480 V according to UL- usable for Standard 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 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 Standard Faults at 575/600 V according to UL- usable for Standard Faults at 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 up to 575/600 V- usable for High Faults at inside-delta circuit up to 575/600 V- 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- 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-d | | N/ |
| Modbus RTU Yes Modbus TCP PROFIBUS Yes Ves Ves<td></td><td></td> | | |
| Modbus TCP PROFIBUS Yes UL/CSA ratings UL/CSA ratings usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for High Faults at 460/480 V at iniside-detta circuit according to UL usable for Standard Faults at 460/480 V at iniside-detta circuit according to UL usable for Standard Faults at 460/480 V at iniside-detta circuit according to UL usable for Standard Faults at 460/480 V at iniside-detta 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 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 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 up to 575/600 V according to UL usable for Standard Faults at inside-detta circuit up to 575/600 V according to UL usable for Standard Faults at inside-detta circuit up to 575/600 V according to UL usable for Standard Faults at inside-detta circuit up to 575/600 V according to UL usable for Standard Faults at inside-detta circuit up to 575/600 V according to UL usable for Standard Faults at inside-detta to 575/600 V according to UL usable for Standard Faults at inside-detta to 575/600 V according to UL to 575/600 V according to UL usable | | |
| PROFIBUS Yes IduCSA ratings manufacturer's article number of circuit breaker | | |
| ULCSA ratings manufacturer's article number • of circuit breaker | | |
| 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 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 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 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 at inside-delta circuit according to UL usable for Standard Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit 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 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 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 Standard Faults at 50 °C rated value at 460/480 V at 50 °C rated value by at 575/600 V at 50 °C rated value | | Yes |
| 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 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 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 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 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 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 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 Standard Faults at inside-delta circuit up to 575/600 | UL/CSA ratings | |
| 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 Standard Faults at 575/600 V at inside-delta circuit according to UL.Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 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 Standard Faults up to 575/600 V according to UL.Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA usable for Standard Faults up to 575/600 V according to UL.Type: Class RK5 / K5, max. 100 A; lq = 5 kA usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA <t< td=""><td></td><td></td></t<> | | |
| according to ULcusable for High Faults at 460/480 V according to ULSiemens 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 ULSiemens 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 ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA— usable for Standard Faults at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA— usable for Standard Faults at 575/600 V a coording to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA• of the fuseSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA• of the fuseType: Class RK5 / K5, max. 100 A; lq = 5 kA— usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA• usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA• of the fuseType: Class J / L, max. 100 A; lq = 100 kA— usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA— usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA• usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA• at 200/208 V at 50 °C rated value5 hp• at 200/208 V at 50 °C rated value5 hp• at 200/208 V at 50 °C rated value5 hp• at 460/ | | |
| 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 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 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 up to 575/600 V at inside-delta circuit according to UL usable for Standard Faults up to 575/600 V at inside-delta circuit 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 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 50°C rated value 5 hp at 220/230 V at 50 °C rated value ta 480/480 V at 50 °C rated value<td></td><td>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</td> | | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA |
| to ULKA | 5 | |
| | | |
| 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 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 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 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 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 00 Ka type: Class J / L, max. 100 A; lq = 100 kA type: Class J / L, max. 100 A; lq = 100 kA type: Class J / L, max. 100 A; lq = 100 kA type: | | |
| usable for High Faults at 460/480 V at inside- delta circuit according to ULSiemens type: 3VA51, max. 60 A; lq max = 65 kA usable for Standard Faults at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA usable for Standard Faults at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA• of the fuse usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V at 50 °C rated value5 hp• at 200/208 V at 50 °C rated value5 hp• at 200/208 V at 50 °C rated value7.5 hp• at 460/480 V at 50 °C rated value <td< td=""><td></td><td>Solutions type. Site $z_1 + z_2$, max. To A of SVAST, max. of A, $iq = 3$ kA</td></td<> | | Solutions type. Site $z_1 + z_2$, max. To A of SVAST, max. of A, $iq = 3$ kA |
| delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA | 6 | Siemens type: 3VA51, max. 60 A: lg max = 65 kA |
| according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA• of the fuseType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA- usable for High Faults at inside-delta circuit up to 575/600 V at 50 °C rated value5 hp- at 220/230 V at 50 °C rated value5 hp- at 460/480 V at 50 °C rated value15 hp- at 460/480 V at 50 °C rated value20 hp | 0 | |
| usable for Standard Faults at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA• of the fuseType: Class RK5 / K5, max. 100 A; lq = 5 kA usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V at 50 °C rated value5 hp at 200/208 V at 50 °C rated value5 hp at 200/208 V at 50 °C rated value5 hp at 460/480 V at 50 °C rated value5 hp at 460/480 V at 50 °C rated value15 hp at 575/600 V at 50 °C rated value20 hp | | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA |
| inside-delta circuit according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA | 5 | |
| • of the fuseType: Class RK5 / K5, max. 100 A; lq = 5 kA | | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA |
| 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 tat 220/230 V at 50 °C rated value tat 220/230 V at 50 °C rated value tat 460/480 V at 50 °C rated value to 575/600 V at 50 °C rated value to 575/600 V at 50 °C rated value to 50 °C rated value | - | |
| according to ULType: Class J / L, max. 100 A; Iq = 100 kA | | |
| 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 musable for High Faults at inside-delta circuit up to 575/600 V according to UL musable for High Faults at inside-delta circuit up to 575/600 V according to UL musable for High Faults at inside-delta circuit up to 575/600 V according to UL musable for Japhase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value to 50 °C rated value | | i ype: Class RK5 / K5, max. 100 A; lq = 5 kA |
| according to ULType: Class RK5 / K5, max. 100 A; Iq = 5 kA | 5 | Type: Class $1/1$ may 100 A: $l_0 = 100 kA$ |
| 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 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 at 460/480 V at 50 °C rated value bp at 460/480 V at 50 °C rated value bp bp<!--</td--><td></td><td>1 ypc. 01055 07 L, 1107 A, 14 - 100 KA</td> | | 1 ypc. 01055 07 L, 1107 A, 14 - 100 KA |
| circuit up to 575/600 V according to ULType: Class J / L, max. 100 A; Iq = 100 kA | | Type: Class RK5 / K5, max, 100 A; lg = 5 kA |
| to 575/600 V according to ULImage: constraint of the second s | | ,, · · · · · · · · · · · · · · · · · · |
| to 575/600 V according to ULImage: constraint of the second s | — usable for High Faults at inside-delta circuit up | Type: Class J / L, max. 100 A; lq = 100 kA |
| at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value 15 hp at 575/600 V at 50 °C rated value 20 hp | | |
| at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value 20 hp | operating power [hp] for 3-phase motors | |
| at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value 20 hp | at 200/208 V at 50 °C rated value | 5 hp |
| at 575/600 V at 50 °C rated value 20 hp | at 220/230 V at 50 °C rated value | 7.5 hp |
| | • at 460/480 V at 50 °C rated value | 15 hp |
| at 200/208 V at inside-delta circuit at 50 °C rated 10 hp | • at 575/600 V at 50 °C rated value | 20 hp |
| | | 10 hr |

| | inside-delta circuit at 5 | 0 °C rated | 10 hp |) | | |
|--|--|-------------------------------------|----------|--------------------------|---------------------|---------------------------|
| value at 460/480 V at inside-delta circuit at 50 °C rated value | | 25 hp | 25 hp | | | |
| | t inside-delta circuit at 5 | i0 °C rated | 30 hp |) | | |
| | xiliary contacts accor | ding to UL | R300 |)-B300 | | |
| Safety related data | | Ū | | | | |
| protection class IP of 60529 | on the front according | to IEC | IP20 | | | |
| touch protection on | the front according to | o IEC 60529 | finge | r-safe, for vertical con | tact from the front | |
| electromagnetic cor | - | | - | cordance with IEC 609 | | |
| Certificates/ approval | S | | | | | |
| General Product Ap | proval | | | | | EMC |
| | | | | | | |
| (SP) CM | <u>Confirmation</u> | CCC CCC |) | U | EHC | RCM |
| Declaration of Conf | formity | Test Certifica | ates | Marine / Shipping | | |
| CE EG-Konf. | UK CA | <u>Type Test Ce</u> ates/Test Re | | ABS | BU REAU VERITAS | Hoyd's Register urs |
| Marine / Shipping | other | | | | | |
| PRS | <u>Confirmation</u> | | | | | |
| Further information | | | | | | |
| | wnloadcenter (Catalo | gs, Brochures. |) | | | |
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| http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5215-1AC05 Service&Support (Manuals, Certificates, Characteristics, FAQs,) | | | | | | |
| https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-1AC05 | | | | | | |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5215-1AC05⟨=en | | | | | | |
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| Simulation Tool for | Soft Starters (STS) | | | | | |

Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/en/view/101494917







1/15/2023

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