## SIEMENS

## Data sheet

## 3RW5214-1AC04



SIRIUS soft starter 200-480 V 18 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   |   |  |  |
| <ul> <li>of standard HMI module usable</li> </ul>   | <u>3RW5980-0HS00</u>  |  |  |
| <ul> <li>of high feature HMI module usable</li> </ul>   | <u>3RW5980-0HF00</u>  |  |  |
| <ul> <li>of communication module PROFINET standard<br/>usable</li> </ul>                          | <u>3RW5980-0CS00</u>  |  |  |
| <ul> <li>of communication module PROFIBUS usable</li> </ul>                                       | <u>3RW5980-0CP00</u>  |  |  |
| <ul> <li>of communication module Modbus TCP usable</li> </ul>                                     | <u>3RW5980-0CT00</u>  |  |  |
| <ul> <li>of communication module Modbus RTU usable</li> </ul>                                     | <u>3RW5980-0CR00</u>  |  |  |
| <ul> <li>of communication module Ethernet/IP</li> </ul>   | <u>3RW5980-0CE00</u>  |  |  |
| <ul> <li>of circuit breaker usable at 400 V</li> </ul>  | 3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10 |  |  |
| <ul> <li>of circuit breaker usable at 500 V</li> </ul>  | 3RV2032-4DA10; Type of coordination 1, Iq = 15 kA, CLASS 10 |  |  |
| <ul> <li>of circuit breaker usable at 400 V at inside-delta<br/>circuit</li> </ul>                | 3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10 |  |  |
| <ul> <li>of circuit breaker usable at 500 V at inside-delta<br/>circuit</li> </ul>                | 3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10 |  |  |
| <ul> <li>of the gG fuse usable up to 690 V</li> </ul>   | 3NA3820-6; Type of coordination 1, Iq = 65 kA               |  |  |
| <ul> <li>of the gG fuse usable at inside-delta circuit up to<br/>500 V</li> </ul>                 | <u>3NA3820-6: Type of coordination 1, Iq = 65 kA</u>        |  |  |
| <ul> <li>of full range R fuse link for semiconductor protection<br/>usable up to 690 V</li> </ul> | <u>3NE1802-0: Type of coordination 2. Iq = 65 kA</u>        |  |  |
| <ul> <li>of back-up R fuse link for semiconductor protection<br/>usable up to 690 V</li> </ul>    | <u>3NE8020-1; Type of coordination 2, Iq = 65 kA</u>        |  |  |
| eneral 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  | <br>CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2              |  |  |  |
| buffering time in the event of power failure                                  |   |  |  |  |
| for main current circuit  | 100 ms  |  |  |  |
| for control circuit   |   |  |  |  |
|   | 100 ms  |  |  |  |
| insulation voltage rated value  | 600 V   |  |  |  |
| degree of pollution   | 3, acc. to IEC 60947-4-2  |  |  |  |
| impulse voltage rated value   | 6 kV  |  |  |  |
| blocking voltage of the thyristor maximum                                     | 1 600 V   |  |  |  |
| service factor  | 1   |  |  |  |
| surge voltage resistance rated value  | 6 kV  |  |  |  |
| maximum permissible voltage for safe isolation                                | 600 V   |  |  |  |
| between main and auxiliary circuit     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 reference code acc. to IEC 81346-2 | AC 53a  |  |  |  |
|   | Q   |  |  |  |
| Substance Prohibitance (Date)   | 15.02.2018 00:00:00   |  |  |  |
| product function  | Vec   |  |  |  |
| • ramp-up (soft starting)   | Yes   |  |  |  |
| ramp-down (soft stop)   | Yes   |  |  |  |
| Soft Torque   | Yes   |  |  |  |
| adjustable current limitation   | Yes   |  |  |  |
| <ul> <li>pump ramp down</li> </ul>  | Yes   |  |  |  |
| <ul> <li>intrinsic device protection</li> </ul>                               | Yes   |  |  |  |
| <ul> <li>motor overload protection</li> </ul>                                 | Yes; Electronic motor overload protection                               |  |  |  |
| <ul> <li>evaluation of thermistor motor protection</li> </ul>                 | No  |  |  |  |
| <ul> <li>inside-delta circuit</li> </ul>                                      | Yes   |  |  |  |
| auto-RESET  | Yes   |  |  |  |
| <ul> <li>manual RESET</li> </ul>  | Yes   |  |  |  |
| remote reset  | Yes; By turning off the control supply voltage                          |  |  |  |
| <ul> <li>communication function</li> </ul>                                    | Yes   |  |  |  |
| <ul> <li>operating measured value display</li> </ul>                          | Yes; Only in conjunction with special accessories                       |  |  |  |
| error logbook   | Yes; Only in conjunction with special accessories                       |  |  |  |
| <ul> <li>via software parameterizable</li> </ul>                              | No  |  |  |  |
| <ul> <li>via software configurable</li> </ul>                                 | Yes   |  |  |  |
| PROFlenergy   | Yes; in connection with the PROFINET Standard communication module      |  |  |  |
| <ul> <li>firmware update</li> </ul>   | Yes   |  |  |  |
| <ul> <li>removable terminal for control circuit</li> </ul>                    | Yes   |  |  |  |
| torque control  | No  |  |  |  |
| <ul> <li>analog output</li> </ul>   | Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI) |  |  |  |
| Power Electronics   |   |  |  |  |
| operational current   |   |  |  |  |
| • at 40 °C rated value  | 18 A  |  |  |  |
| • at 50 °C rated value  | 16 A  |  |  |  |
| • at 60 °C rated value  | 14 A  |  |  |  |
| operational current at inside-delta circuit                                   |   |  |  |  |
| • at 40 °C rated value  | 31.5 A  |  |  |  |
| • at 50 °C rated value  | 28 A  |  |  |  |
| • at 60 °C rated value  | 23.9 A  |  |  |  |
| operating voltage   |   |  |  |  |
| rated value   | 200 480 V   |  |  |  |
| <ul> <li>at inside-delta circuit rated value</li> </ul>                       | 200 480 V   |  |  |  |
| relative negative tolerance of the operating voltage                          | -15 %   |  |  |  |
| relative positive tolerance of the operating voltage                          | 10 %  |  |  |  |
| relative negative tolerance of the operating voltage at inside-delta circuit  | -15 %   |  |  |  |
|   |   |  |  |  |

| relative positive tolerance of the operating voltage at inside-delta circuit  | 10 %   |
|---|--------|
| operating power for 3-phase motors  |        |
| <ul> <li>at 230 V at 40 °C rated value</li> </ul>   | 4 kW   |
| <ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>   | 7.5 kW |
| <ul> <li>at 400 V at 40 °C rated value</li> </ul>   | 7.5 kW |
| <ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>   | 15 kW  |
| Operating frequency 1 rated value   | 50 Hz  |
| Operating frequency 2 rated value   | 60 Hz  |
| relative negative tolerance of the operating frequency  | -10 %  |
| relative positive tolerance of the operating frequency  | 10 %   |
| adjustable motor current  |        |
| <ul> <li>at rotary coding switch on switch position 1</li> </ul>  | 7.5 A  |
| <ul> <li>at rotary coding switch on switch position 2</li> </ul>  | 8.2 A  |
| <ul> <li>at rotary coding switch on switch position 3</li> </ul>  | 8.9 A  |
| <ul> <li>at rotary coding switch on switch position 4</li> </ul>  | 9.6 A  |
| <ul> <li>at rotary coding switch on switch position 5</li> </ul>  | 10.3 A |
| <ul> <li>at rotary coding switch on switch position 6</li> </ul>  | 11 A   |
| <ul> <li>at rotary coding switch on switch position 7</li> </ul>  | 11.7 A |
| <ul> <li>at rotary coding switch on switch position 8</li> </ul>  | 12.4 A |
| <ul> <li>at rotary coding switch on switch position 9</li> </ul>  | 13.1 A |
| <ul> <li>at rotary coding switch on switch position 10</li> </ul>   | 13.8 A |
| <ul> <li>at rotary coding switch on switch position 11</li> </ul>   | 14.5 A |
| <ul> <li>at rotary coding switch on switch position 12</li> </ul>   | 15.2 A |
| <ul> <li>at rotary coding switch on switch position 13</li> </ul>   | 15.9 A |
| <ul> <li>at rotary coding switch on switch position 14</li> </ul>   | 16.6 A |
| <ul> <li>at rotary coding switch on switch position 15</li> </ul>   | 17.3 A |
| <ul> <li>at rotary coding switch on switch position 16</li> </ul>   | 18 A   |
| minimum   | 7.5 A  |
| adjustable motor current  | 1.07   |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 1</li> </ul>   | 13 A   |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 2</li> </ul>   | 14.2 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 3</li> </ul>   | 15.4 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 4</li> </ul>   | 16.6 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 5</li> </ul>   | 17.8 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 6</li> </ul>   | 19.1 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 7</li> </ul>   | 20.3 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 8</li> </ul>   | 21.5 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 9</li> </ul>   | 22.7 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 10</li> </ul>  | 23.9 A |
| • for inside-delta circuit at rotary coding switch on switch position 11  | 25.1 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 12</li> <li>for inside delta circuit at ratary coding switch on</li> </ul> | 26.3 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 13</li> <li>for inside delta circuit at rotary coding switch on</li> </ul> | 27.5 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 14</li> </ul>  | 28.8 A |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 15</li> </ul>  | 30 A   |
| <ul> <li>for inside-delta circuit at rotary coding switch on<br/>switch position 16</li> </ul>  | 31.2 A |

| <ul> <li>at inside-delta circuit minimum</li> </ul>                         | 13 A   |  |  |  |
|---|--|--|--|--|
| minimum load [%]  | 15 %: Relative to smallest settable le   |  |  |  |
| power loss [W] for rated value of the current at AC                         |  |  |  |  |
| • at 40 °C after startup  | 17 W   |  |  |  |
| • at 50 °C after startup  | 17 W   |  |  |  |
| • at 60 °C after startup  | 17 W<br>16 W   |  |  |  |
| power loss [W] at AC at current limitation 350 %                            |  |  |  |  |
| • at 40 °C during startup   | 276 W  |  |  |  |
| • at 50 °C during startup   | 241 W  |  |  |  |
| at 60 °C during startup   | 241 W<br>200 W   |  |  |  |
| Control circuit/ Control  | 200 11   |  |  |  |
| 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   |  |  |  |
| locked-rotor current at close of bypass contact maximum                     | 0.75 A   |  |  |  |
| inrush current peak at application of control supply voltage maximum        | 3.3 A  |  |  |  |
| duration of inrush current peak at application of control<br>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 inputs for thermistor connection                                  | 0  |  |  |  |
| number of digital outputs   | 3  |  |  |  |
| not parameterizable   | 2  |  |  |  |
| digital output version  | 2 normally-open contacts (NO) / 1 changeover contact (CO)  |  |  |  |
| number of analog outputs  | 1  |  |  |  |
| switching capacity current of the relay outputs                             |  |  |  |  |
| • at AC-15 at 250 V rated value   | 3 A  |  |  |  |
| • at DC-13 at 24 V rated value  | 1 A  |  |  |  |
| Installation/ mounting/ dimensions  |  |  |  |  |
| mounting position   | +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface   |  |  |  |
| fastening method  | screw fixing   |  |  |  |
| height  | 275 mm   |  |  |  |
|   |  |  |  |  |

| width  | 170 mm  |  |  |  |
|--|---|--|--|--|
| depth  | 152 mm  |  |  |  |
| required spacing with side-by-side mounting  |   |  |  |  |
| • forwards   | 10 mm   |  |  |  |
| <ul> <li>backwards</li> </ul>  | 0 mm  |  |  |  |
| • upwards  | 100 mm  |  |  |  |
| <ul> <li>downwards</li> </ul>  | 75 mm   |  |  |  |
| • at the side  | 5 mm  |  |  |  |
| weight without packaging   | 2.1 kg  |  |  |  |
| Connections/ Terminals   |   |  |  |  |
| type of electrical connection  |   |  |  |  |
| <ul> <li>for main current circuit</li> </ul>   | screw-type terminals  |  |  |  |
| for control circuit  | screw-type terminals  |  |  |  |
| type of connectable conductor cross-sections   |   |  |  |  |
| <ul> <li>for main contacts</li> </ul>  |   |  |  |  |
| — solid  | 2x (1.0 2.5 mm²), 2x (2.5 10 mm²)   |  |  |  |
| <ul> <li>finely stranded with core end processing</li> </ul>                         | 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)  |  |  |  |
| <ul> <li>at AWG cables for main current circuit solid</li> </ul>                     | 2x (16 12), 2x (14 8)   |  |  |  |
| type of connectable conductor cross-sections   |   |  |  |  |
| <ul> <li>for control circuit solid</li> </ul>  | 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)  |  |  |  |
| <ul> <li>for control circuit finely stranded with core end<br/>processing</li> </ul> | 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)  |  |  |  |
| <ul> <li>at AWG cables for control circuit solid</li> </ul>                          | 1x (20 12), 2x (20 14)  |  |  |  |
| wire length  |   |  |  |  |
| <ul> <li>between soft starter and motor maximum</li> </ul>                           | 800 m   |  |  |  |
| at the digital inputs at AC maximum  | 100 m   |  |  |  |
| <ul> <li>at the digital inputs at DC maximum</li> </ul>                              | 1 000 m   |  |  |  |
| tightening torque  |   |  |  |  |
| <ul> <li>for main contacts with screw-type terminals</li> </ul>                      | 2 2.5 N·m   |  |  |  |
| <ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>     | 0.8 1.2 N·m   |  |  |  |
| tightening torque [lbf·in]   |   |  |  |  |
| <ul> <li>for main contacts with screw-type terminals</li> </ul>                      | 18 22 lbf·in  |  |  |  |
| <ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>     | 7 10.3 lbf in   |  |  |  |
| Ambient conditions   |   |  |  |  |
| installation altitude at height above sea level maximum                              | 5 000 m; Derating as of 1000 m, see catalog   |  |  |  |
| ambient temperature  |   |  |  |  |
| during operation   | -25 +60 °C; Please observe derating at temperatures of 40 °C or above   |  |  |  |
| <ul> <li>during storage and transport</li> </ul>                                     | -40 +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                 |  |  |  |
| <ul> <li>during transport acc. to IEC 60721</li> </ul>                               | 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)   |  |  |  |
| EMC emitted interference   | acc. to IEC 60947-4-2: Class A  |  |  |  |
| Communication/ Protocol  |   |  |  |  |
| communication module is supported  |   |  |  |  |
| PROFINET standard  | Yes   |  |  |  |
| • EtherNet/IP  | Yes   |  |  |  |
| Modbus RTU   | Yes   |  |  |  |
| Modbus TCP   | Yes   |  |  |  |
| PROFIBUS   | Yes   |  |  |  |
| UL/CSA ratings   |   |  |  |  |
| manufacturer's article number  |   |  |  |  |
| of circuit breaker   |   |  |  |  |
| — usable for Standard Faults at 460/480 V  | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA   |  |  |  |

| according to UL  | / coording         |  |                | ov 25 A. Is mov - 65         |  |
|--|--------------------|--|----------------|------------------------------|--|
| <ul> <li>— usable for High Faults at 460/480 V<br/>to UL</li> </ul>  | / according        | Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA |                |                              |  |
| <ul> <li>— usable for Standard Faults at 460/4<br/>inside-delta circuit according to UL</li> </ul>   | 480 V at           | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA      |                |                              |  |
| <ul> <li>— usable for High Faults at 460/480 V</li> <li>delta circuit according to UL</li> </ul>   | / at inside-       | Siemens type: 3VA51, max. 35 A; lq max = 65 kA                       |                |                              |  |
| <ul> <li>— usable for Standard Faults at 575/6<br/>according to UL</li> </ul>  | 600 V              | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA      |                |                              |  |
| <ul> <li>— usable for Standard Faults at 575/6<br/>inside-delta circuit according to UL</li> </ul>   | 600 V at           | Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA      |                |                              |  |
| <ul> <li>of the fuse</li> </ul>  |                    |  |                |                              |  |
| <ul> <li>— usable for Standard Faults up to 5<br/>according to UL</li> </ul>   | 75/600 V           | Type: Class RK5 / K5, max. 70 A; Iq = 5 kA                           |                |                              |  |
| <ul> <li>— usable for High Faults up to 575/60<br/>according to UL</li> </ul>  | 00 V               | Type: Class J / L, max. 70   | A; Iq = 100 kA |                              |  |
| <ul> <li>— usable for Standard Faults at insid<br/>circuit up to 575/600 V according to U</li> </ul>   |                    | Type: Class RK5 / K5, max. 70 A; Iq = 5 kA                           |                |                              |  |
| <ul> <li>usable for High Faults at inside-de<br/>to 575/600 V according to UL</li> </ul>   | ta circuit up      | Type: Class J / L, max. 70 A; Iq = 100 kA                            |                |                              |  |
| operating power [hp] for 3-phase motors  |                    |  |                |                              |  |
| <ul> <li>at 200/208 V at 50 °C rated value</li> </ul>  | C rated value 3 hp |  |                |                              |  |
| <ul> <li>at 220/230 V at 50 °C rated value</li> </ul>  |                    | 5 hp   |                |                              |  |
| <ul> <li>at 460/480 V at 50 °C rated value</li> </ul>  |                    | 10 hp  |                |                              |  |
| <ul> <li>at 200/208 V at inside-delta circuit at 50 value</li> </ul>   | °C rated           | 7.5 hp   |                |                              |  |
| <ul> <li>at 220/230 V at inside-delta circuit at 50 value</li> </ul>   | °C rated           | 7.5 hp   |                |                              |  |
| <ul> <li>at 460/480 V at inside-delta circuit at 50 value</li> </ul>   | °C rated           | 20 hp  |                |                              |  |
| contact rating of auxiliary contacts accord  | ing to UL          | R300-B300  |                |                              |  |
| Safety related data  |                    |  |                |                              |  |
| protection class IP on the front acc. to IEC   | 60529              | IP20   |                |                              |  |
| touch protection on the front acc. to IEC 60529  |                    | finger-safe, for vertical contact from the front                     |                |                              |  |
| electromagnetic compatibility  |                    | in accordance with IEC 60947-4-2                                     |                |                              |  |
| Certificates/ approvals  |                    |  |                |                              |  |
| General Product Approval   |                    |  | EMC            | Declaration of<br>Conformity |  |
|  |                    |  | Δ              |                              |  |
| (Le construction) (Le construc | (\L                | EHL  | Ø              | CE                           |  |
| CSA CCC  | UL                 |  | RCM            | EG-Konf.                     |  |
| Test Certificates Marine / Shipping  |                    |  |                |                              |  |
| inalitio , onipping  |                    |  |                |                              |  |
| Type Test Certific-<br>ates/Test Report     Image: Certific-<br>ABS  | BUREAU<br>VERITAS  | Lloyd's<br>Register<br>us  | PRS            | DNV-GL<br>DNV-GL             |  |
| other  |                    |  |                |                              |  |
| other  |                    |  |                |                              |  |
| Confirmation   |                    |  |                |                              |  |

Further information

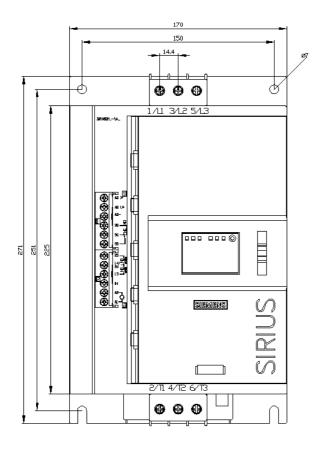
Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5214-1AC04 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5214-1AC04 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-1AC04 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5214-1AC04&lang=en Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

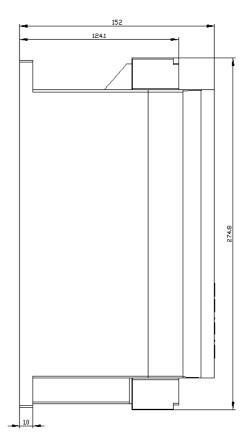
https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-1AC04/char

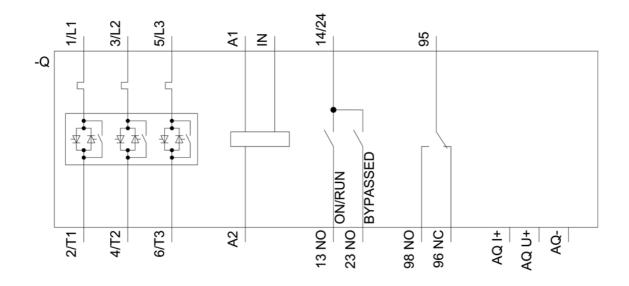
Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5214-1AC04&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

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







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