

Siemens  
EcoTech



SIRIUS soft starter 200-480 V 93 A, 24 V AC/DC Screw terminals Analog output



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| product brand name                               | SIRIUS  |
| product category                                 | Hybrid switching devices  |
| product designation                              | Soft starter  |
| product type designation                         | 3RW52   |
| manufacturer's article number                    | <ul style="list-style-type: none"> <li>of standard HMI module usable <a href="#">3RW5980-0HS00</a></li> <li>of high feature HMI module usable <a href="#">3RW5980-0HF00</a></li> <li>of communication module PROFINET standard usable <a href="#">3RW5980-0CS00</a></li> <li>of communication module PROFIBUS usable <a href="#">3RW5980-0CP00</a></li> <li>of communication module Modbus TCP usable <a href="#">3RW5980-0CT00</a></li> <li>of communication module Modbus RTU usable <a href="#">3RW5980-0CR00</a></li> <li>of communication module Ethernet/IP <a href="#">3RW5980-0CE00</a></li> <li>of circuit breaker usable at 400 V <a href="#">3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 15 kA, CLASS 10</a></li> <li>of circuit breaker usable at 500 V <a href="#">3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10</a></li> <li>of circuit breaker usable at 400 V at inside-delta circuit <a href="#">3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 15 kA, CLASS 10</a></li> <li>of circuit breaker usable at 500 V at inside-delta circuit <a href="#">3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10</a></li> <li>of the gG fuse usable up to 690 V <a href="#">3NA3136-6; Type of coordination 1, Iq = 65 kA</a></li> <li>of the gG fuse usable at inside-delta circuit up to 500 V <a href="#">3NA3136-6; Type of coordination 1, Iq = 65 kA</a></li> <li>of full range R fuse link for semiconductor protection usable up to 690 V <a href="#">3NE1224-0; Type of coordination 2, Iq = 65 kA</a></li> <li>of back-up R fuse link for semiconductor protection usable up to 690 V <a href="#">3NE4124; Type of coordination 2, Iq = 65 kA</a></li> </ul> |
| <b>General technical data</b>                    |   |
| 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                       | <ul style="list-style-type: none"> <li>CE marking Yes</li> <li>UL approval Yes</li> <li>CSA approval Yes</li> </ul>   |
| product component                                | <ul style="list-style-type: none"> <li>HMI-High Feature No</li> <li>is supported HMI-Standard Yes</li> <li>is supported HMI-High Feature Yes</li> </ul>   |
| product feature integrated bypass contact system | Yes   |
| number of controlled phases                      | 3   |
| buffering time in the event of power failure     |   |

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| <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for control circuit</li> </ul>  | 100 ms  |
|  | 100 ms  |
| <b>insulation voltage rated value</b>  | 600 V   |
| <b>degree of pollution</b>   | 3, acc. to IEC 60947-4-2  |
| <b>impulse voltage rated value</b>   | 6 kV  |
| <b>blocking voltage of the thyristor maximum</b>   | 1 400 V   |
| <b>service factor</b>  | 1   |
| <b>surge voltage resistance rated value</b>  | 6 kV  |
| <b>maximum permissible voltage for protective separation</b> <ul style="list-style-type: none"> <li>• between main and auxiliary circuit</li> </ul>  | 600 V   |
| <b>shock resistance</b>  | 15 g / 11 ms, from 12 g / 11 ms with potential contact lifting  |
| utilization category according to IEC 60947-4-2  | AC 53a  |
| <b>reference code according to IEC 81346-2</b>   | Q   |
| <b>Substance Prohibitance (Date)</b>   | 02/15/2018  |
| <b>SVHC substance name</b>   | Lead - 7439-92-1<br>Lead monoxide (lead oxide) - 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5<br>Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4   |
| <b>product function</b> <ul style="list-style-type: none"> <li>• ramp-up (soft starting)</li> <li>• ramp-down (soft stop)</li> <li>• Soft Torque</li> <li>• adjustable current limitation</li> <li>• pump ramp down</li> <li>• intrinsic device protection</li> <li>• motor overload protection</li> <li>• evaluation of thermistor motor protection</li> <li>• inside-delta circuit</li> <li>• auto-RESET</li> <li>• manual RESET</li> <li>• remote reset</li> <li>• communication function</li> <li>• operating measured value display</li> <li>• error logbook</li> <li>• via software parameterizable</li> <li>• via software configurable</li> <li>• <b>PROFInergy</b></li> <li>• <b>firmware update</b></li> <li>• <b>removable terminal for control circuit</b></li> <li>• torque control</li> <li>• analog output</li> </ul> | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes; Electronic motor overload protection<br>No<br>Yes<br>Yes<br>Yes<br>Yes; By turning off the control supply voltage<br>Yes<br>Yes; Only in conjunction with special accessories<br>Yes; Only in conjunction with special accessories<br>No<br>Yes<br>Yes; in connection with the PROFINET Standard communication module<br>Yes<br>Yes<br>No<br>Yes; 4 ... 20 mA (default) / 0 ... 10 V (parameterizable with High Feature HMI) |
| <b>Power Electronics</b>   |   |
| <b>operational current</b> <ul style="list-style-type: none"> <li>• at 40 °C rated value</li> <li>• at 50 °C rated value</li> <li>• at 60 °C rated value</li> </ul>  | 93 A<br>82.5 A<br>75.5 A  |
| <b>operational current at inside-delta circuit</b> <ul style="list-style-type: none"> <li>• at 40 °C rated value</li> <li>• at 50 °C rated value</li> <li>• at 60 °C rated value</li> </ul>  | 161 A<br>143 A<br>131 A   |
| <b>operating voltage</b> <ul style="list-style-type: none"> <li>• rated value</li> <li>• at inside-delta circuit rated value</li> </ul>  | 200 ... 480 V<br>200 ... 480 V  |
| <b>relative negative tolerance of the operating voltage</b>  | -15 %   |
| <b>relative positive tolerance of the operating voltage</b>  | 10 %  |
| <b>relative negative tolerance of the operating voltage at inside-delta circuit</b>  | -15 %   |
| <b>relative positive tolerance of the operating voltage at inside-delta circuit</b>  | 10 %  |
| <b>operating power for 3-phase motors</b> <ul style="list-style-type: none"> <li>• at 230 V at 40 °C rated value</li> <li>• at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>   | 22 kW<br>45 kW  |

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| <ul style="list-style-type: none"> <li>• at 400 V at 40 °C rated value</li> </ul>  | 45 kW  |
| <ul style="list-style-type: none"> <li>• at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>                  | 90 kW  |
| <b>Operating frequency 1 rated value</b>   | 50 Hz  |
| <b>Operating frequency 2 rated value</b>   | 60 Hz  |
| <b>relative negative tolerance of the operating frequency</b>  | -10 %  |
| <b>relative positive tolerance of the operating frequency</b>  | 10 %   |
| <b>adjustable motor current</b>  |  |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 1</li> </ul>                           | 40.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 2</li> </ul>                           | 44 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 3</li> </ul>                           | 47.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 4</li> </ul>                           | 51 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 5</li> </ul>                           | 54.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 6</li> </ul>                           | 58 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 7</li> </ul>                           | 61.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 8</li> </ul>                           | 65 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 9</li> </ul>                           | 68.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 10</li> </ul>                          | 72 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 11</li> </ul>                          | 75.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 12</li> </ul>                          | 79 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 13</li> </ul>                          | 82.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 14</li> </ul>                          | 86 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 15</li> </ul>                          | 89.5 A   |
| <ul style="list-style-type: none"> <li>• at rotary coding switch on switch position 16</li> </ul>                          | 93 A   |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>  | 40.5 A   |
| <b>adjustable motor current</b>  |  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>  | 70.1 A   |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>  | 76.2 A   |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>  | 82.3 A   |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>  | 88.3 A   |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>  | 94.4 A   |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>  | 100 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>  | 107 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 8</li> </ul>  | 113 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 9</li> </ul>  | 119 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 10</li> </ul> | 125 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 11</li> </ul> | 131 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 12</li> </ul> | 137 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 13</li> </ul> | 143 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 14</li> </ul> | 149 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 15</li> </ul> | 155 A  |
| <ul style="list-style-type: none"> <li>• for inside-delta circuit at rotary coding switch on switch position 16</li> </ul> | 161 A  |
| <ul style="list-style-type: none"> <li>• at inside-delta circuit minimum</li> </ul>  | 70.1 A   |
| <b>minimum load [%]</b>  | 15 %; Relative to smallest settable I <sub>e</sub> |
| <b>power loss [W] for rated value of the current at AC</b>   |  |
| <ul style="list-style-type: none"> <li>• at 40 °C after startup</li> </ul>   | 40 W   |
| <ul style="list-style-type: none"> <li>• at 50 °C after startup</li> </ul>   | 37 W   |
| <ul style="list-style-type: none"> <li>• at 60 °C after startup</li> </ul>   | 35 W   |
| <b>power loss [W] at AC at current limitation 350 %</b>  |  |
| <ul style="list-style-type: none"> <li>• at 40 °C during startup</li> </ul>  | 1 270 W  |
| <ul style="list-style-type: none"> <li>• at 50 °C during startup</li> </ul>  | 1 077 W  |

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| • at 60 °C during startup   | 959 W  |
| <b>Control circuit/ Control</b>   |  |
| <b>type of voltage of the control supply voltage</b>                            | AC/DC  |
| <b>control supply voltage at AC</b>   |  |
| • at 50 Hz rated value  | 24 V   |
| • at 60 Hz rated value  | 24 V   |
| <b>relative negative tolerance of the control supply voltage at AC at 50 Hz</b> | -20 %  |
| <b>relative positive tolerance of the control supply voltage at AC at 50 Hz</b> | 20 %   |
| <b>relative negative tolerance of the control supply voltage at AC at 60 Hz</b> | -20 %  |
| <b>relative positive tolerance of the control supply voltage at AC at 60 Hz</b> | 20 %   |
| <b>control supply voltage frequency</b>   | 50 ... 60 Hz   |
| <b>relative negative tolerance of the control supply voltage frequency</b>      | -10 %  |
| <b>relative positive tolerance of the control supply voltage frequency</b>      | 10 %   |
| <b>control supply voltage at DC</b>   |  |
| • rated value   | 24 V   |
| <b>relative negative tolerance of the control supply voltage at DC</b>          | -20 %  |
| <b>relative positive tolerance of the control supply voltage at DC</b>          | 20 %   |
| <b>control supply current in standby mode rated value</b>                       | 160 mA   |
| <b>holding current in bypass operation rated value</b>                          | 380 mA   |
| <b>inrush current by closing the bypass contacts maximum</b>                    | 7.6 A  |
| 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  |
| <b>design of the overvoltage protection</b>                                     | Varistor   |
| <b>design of short-circuit protection for control circuit</b>                   | 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 |
| <b>Inputs/ Outputs</b>  |  |
| <b>number of digital inputs</b>   | 1  |
| <b>number of digital outputs</b>  | 3  |
| • not parameterizable   | 2  |
| <b>digital output version</b>   | 2 normally-open contacts (NO) / 1 changeover contact (CO)  |
| <b>number of analog outputs</b>   | 1  |
| <b>switching capacity current of the relay outputs</b>                          |  |
| • at AC-15 at 250 V rated value   | 3 A  |
| • at DC-13 at 24 V rated value  | 1 A  |
| <b>Installation/ mounting/ dimensions</b>                                       |  |
| <b>mounting position</b>  | with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back   |
| <b>fastening method</b>   | screw fixing   |
| <b>height</b>   | 306 mm   |
| <b>width</b>  | 185 mm   |
| <b>depth</b>  | 203 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   |
| <b>weight without packaging</b>   | 6.9 kg   |
| <b>Connections/ Terminals</b>   |  |
| <b>type of electrical connection</b>  |  |
| • for main current circuit  | box terminal   |
| • for control circuit   | screw-type terminals   |
| <b>width of connection bar maximum</b>  | 25 mm  |

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| <b>type of connectable conductor cross-sections for main contacts for box terminal</b>   |  |
| <ul style="list-style-type: none"> <li>• using the front clamping point solid</li> </ul>   | 1x (2.5 ... 16 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• using the front clamping point finely stranded with core end processing</li> </ul>  | 1x (2.5 ... 50 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• using the front clamping point stranded</li> </ul>  | 1x (10 ... 70 mm <sup>2</sup> )  |
| <ul style="list-style-type: none"> <li>• using the back clamping point solid</li> </ul>  | 1x (2.5 ... 16 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• r box terminal using the back clamping point</li> </ul>   | 1x (10 ... 2/0)  |
| <ul style="list-style-type: none"> <li>• using both clamping points solid</li> </ul>   | 2x (2.5 ... 16 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• using both clamping points finely stranded with core end processing</li> </ul>  | 2x (2.5 ... 35 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• using both clamping points stranded</li> </ul>  | 2x (6 ... 16 mm <sup>2</sup> ), 2x (10 ... 50 mm <sup>2</sup> )  |
| <ul style="list-style-type: none"> <li>• using the back clamping point finely stranded with core end processing</li> </ul>   | 1x (2.5 ... 50 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• using the back clamping point stranded</li> </ul>   | 1x (10 ... 70 mm <sup>2</sup> )  |
| <b>type of connectable conductor cross-sections</b>  |  |
| <ul style="list-style-type: none"> <li>• for control circuit solid</li> </ul>  | 1x (0.5 ... 4.0 mm <sup>2</sup> ), 2x (0.5 ... 2.5 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• for control circuit finely stranded with core end processing</li> </ul>   | 1x (0.5 ... 2.5 mm <sup>2</sup> ), 2x (0.5 ... 1.5 mm <sup>2</sup> )   |
| <ul style="list-style-type: none"> <li>• for AWG cables for control circuit solid</li> </ul>   | 1x (20 ... 12), 2x (20 ... 14)   |
| <b>wire length</b>   |  |
| <ul style="list-style-type: none"> <li>• between soft starter and motor maximum</li> </ul>   | 800 m  |
| <ul style="list-style-type: none"> <li>• at the digital inputs at AC maximum</li> </ul>  | 100 m  |
| <ul style="list-style-type: none"> <li>• at the digital inputs at DC maximum</li> </ul>  | 1 000 m  |
| <b>tightening torque</b>   |  |
| <ul style="list-style-type: none"> <li>• for main contacts with screw-type terminals</li> </ul>  | 4.5 ... 6 N·m  |
| <ul style="list-style-type: none"> <li>• for auxiliary and control contacts with screw-type terminals</li> </ul>   | 0.8 ... 1.2 N·m  |
| <b>tightening torque [lbf·in]</b>  |  |
| <ul style="list-style-type: none"> <li>• for main contacts with screw-type terminals</li> </ul>  | 40 ... 53 lbf·in   |
| <ul style="list-style-type: none"> <li>• for auxiliary and control contacts with screw-type terminals</li> </ul>   | 7 ... 10.3 lbf·in  |
| <b>Ambient conditions</b>  |  |
| installation altitude at height above sea level maximum  | 5 000 m; Derating as of 1000 m, see catalog  |
| <b>ambient temperature</b>   |  |
| <ul style="list-style-type: none"> <li>• during operation</li> </ul>   | -25 ... +60 °C; Please observe derating at temperatures of 40 °C or above  |
| <ul style="list-style-type: none"> <li>• during storage and transport</li> </ul>   | -40 ... +80 °C   |
| <b>environmental category</b>  |  |
| <ul style="list-style-type: none"> <li>• during operation according to IEC 60721</li> </ul>  | 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  |
| <ul style="list-style-type: none"> <li>• during storage according to IEC 60721</li> </ul>  | 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  |
| <ul style="list-style-type: none"> <li>• during transport according to IEC 60721</li> </ul>  | 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  |
| <b>Environmental footprint</b>   |  |
| Siemens Eco Profile (SEP)  | Siemens EcoTech  |
| <b>EMC emitted interference</b>  | acc. to IEC 60947-4-2: Class A   |
| <b>Communication/ Protocol</b>   |  |
| <b>communication module is supported</b>   |  |
| <ul style="list-style-type: none"> <li>• PROFINET standard</li> </ul>  | Yes  |
| <ul style="list-style-type: none"> <li>• EtherNet/IP</li> </ul>  | Yes  |
| <ul style="list-style-type: none"> <li>• Modbus RTU</li> </ul>   | Yes  |
| <ul style="list-style-type: none"> <li>• Modbus TCP</li> </ul>   | Yes  |
| <ul style="list-style-type: none"> <li>• PROFIBUS</li> </ul>   | Yes  |
| <b>UL/CSA ratings</b>  |  |
| <b>manufacturer's article number</b>   |  |
| <ul style="list-style-type: none"> <li>• of circuit breaker usable for Standard Faults <ul style="list-style-type: none"> <li>— at 460/480 V according to UL</li> <li>— 60/480 V according to UL</li> <li>— at 460/480 V at inside-delta circuit according to UL</li> <li>— 60/480 V at inside-delta circuit according to UL</li> <li>— at 575/600 V according to UL</li> <li>— at 575/600 V at inside-delta circuit according to UL</li> </ul> </li> <li>• of the fuse <ul style="list-style-type: none"> <li>— usable for Standard Faults up to 575/600 V</li> </ul> </li> </ul> | Siemens type: 3VA51, max. 125 A; Iq = 10 kA<br>Siemens type: 3VA51, max. 125 A; Iq max = 65 kA<br>Siemens type: 3VA51, max. 125 A; Iq = 10 kA<br>Siemens type: 3VA51, max. 125 A; Iq max = 65 kA<br>Siemens type: 3VA51, max. 125 A; Iq = 10 kA<br>Siemens type: 3VA51, max. 125 A; Iq = 10 kA<br>Type: Class RK5 / K5, max. 300 A; Iq = 10 kA |

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| according to UL<br>— usable for High Faults up to 575/600 V according to UL<br>— usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL<br>— usable for High Faults at inside-delta circuit up to 575/600 V according to UL   | Type: Class J / L, max. 250 A; Iq = 100 kA<br><br>Type: Class RK5 / K5, max. 300 A; Iq = 10 kA<br><br>Type: Class J / L, max. 250 A; Iq = 100 kA |
| <b>operating power [hp] for 3-phase motors</b> <ul style="list-style-type: none"> <li>• at 200/208 V at 50 °C rated value</li> <li>• at 220/230 V at 50 °C rated value</li> <li>• at 460/480 V at 50 °C rated value</li> <li>• at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>• at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>• at 460/480 V at inside-delta circuit at 50 °C rated value</li> </ul> | 25 hp<br>30 hp<br>60 hp<br>40 hp<br>50 hp<br>100 hp  |
| <b>contact rating of auxiliary contacts according to UL</b>   | R300-B300  |
| <b>Electrical Safety</b>  |  |
| <b>protection class IP on the front according to IEC 60529</b>  | IP00; IP20 with cover  |
| <b>touch protection on the front according to IEC 60529</b>   | finger-safe, for vertical contact from the front with cover  |
| <b>Approvals Certificates</b>   |  |
| <b>General Product Approval</b>   |  |



[Confirmation](#)



|            |                          |                          |
|------------|--------------------------|--------------------------|
| <b>EMV</b> | <b>Test Certificates</b> | <b>Marine / Shipping</b> |
|------------|--------------------------|--------------------------|



[KC](#)

[Type Test Certificates/Test Report](#)



|                          |              |                    |
|--------------------------|--------------|--------------------|
| <b>Marine / Shipping</b> | <b>other</b> | <b>Environment</b> |
|--------------------------|--------------|--------------------|



[Confirmation](#)



[Environmental Confirmations](#)

#### Further information

##### Information on the packaging

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

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

<https://www.siemens.com/ic10>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5227-1AC04>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5227-1AC04>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RW5227-1AC04>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RW5227-1AC04&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5227-1AC04&lang=en)

##### Characteristic: Tripping characteristics, I<sub>t</sub>, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RW5227-1AC04/char>

##### Characteristic: Installation altitude

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5227-1AC04&objecttype=14&gridview=view1>

##### Simulation Tool for Soft Starters (STS)

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





