

Siemens  
EcoTech



SIRIUS soft starter 200-480 V 25 A, 110-250 V AC Screw terminals Analog output



|   |   |
|---|---|
| <b>product brand name</b>   | SIRIUS  |
| <b>product category</b>   | Hybrid switching devices  |
| <b>product designation</b>  | Soft starter  |
| <b>product type designation</b>   | 3RW52   |
| <b>manufacturer's article number</b>  |   |
| <ul style="list-style-type: none"> <li>of standard HMI module usable</li> <li>of high feature HMI module usable</li> <li>of communication module PROFINET standard usable</li> <li>of communication module PROFIBUS usable</li> <li>of communication module Modbus TCP usable</li> <li>of communication module Modbus RTU usable</li> <li>of communication module Ethernet/IP</li> <li>of circuit breaker usable at 400 V</li> <li>of circuit breaker usable at 500 V</li> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> <li>of the gG fuse usable up to 690 V</li> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul> | <ul style="list-style-type: none"> <li><a href="#">3RW5980-0HS00</a></li> <li><a href="#">3RW5980-0HF00</a></li> <li><a href="#">3RW5980-0CS00</a></li> <li><a href="#">3RW5980-0CP00</a></li> <li><a href="#">3RW5980-0CT00</a></li> <li><a href="#">3RW5980-0CR00</a></li> <li><a href="#">3RW5980-0CE00</a></li> <li><a href="#">3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10</a></li> <li><a href="#">3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10</a></li> <li><a href="#">3RV2032-4VA10; Type of coordination 1, Iq = 65 kA, CLASS 10</a></li> <li><a href="#">3RV2032-4VA10; Type of coordination 1, Iq = 15 kA, CLASS 10</a></li> <li><a href="#">3NA3822-6; Type of coordination 1, Iq = 65 kA</a></li> <li><a href="#">3NA3822-6; Type of coordination 1, Iq = 65 kA</a></li> <li><a href="#">3NE1817-0; Type of coordination 2, Iq = 65 kA</a></li> <li><a href="#">3NE8021-1; Type of coordination 2, Iq = 65 kA</a></li> </ul> |

| General technical data   |   |
|--|---|
| <b>starting voltage [%]</b>  | 30 ... 100 %  |
| <b>stopping voltage [%]</b>  | 50 %; non-adjustable  |
| <b>start-up ramp time of soft starter</b>  | 0 ... 20 s  |
| <b>current limiting value [%] adjustable</b>   | 130 ... 700 %   |
| <b>certificate of suitability</b>  |   |
| <ul style="list-style-type: none"> <li>CE marking</li> <li>UL approval</li> <li>CSA approval</li> </ul>                                      | <ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul> |
| <b>product component</b>   |   |
| <ul style="list-style-type: none"> <li>HMI-High Feature</li> <li>is supported HMI-Standard</li> <li>is supported HMI-High Feature</li> </ul> | <ul style="list-style-type: none"> <li>No</li> <li>Yes</li> <li>Yes</li> </ul>  |
| <b>product feature integrated bypass contact system</b>  | Yes   |
| <b>number of controlled phases</b>   | 3   |
| <b>buffering time in the event of power failure</b>  |   |

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for control circuit</li> </ul>  | 100 ms<br>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>   | 1 600 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   |
| <b>vibration resistance</b>  | 15 mm to 6 Hz; 2g to 500 Hz  |
| 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>2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7<br>6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1<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<br>Diboron trioxide - 1303-86-2   |
| <b>Weight</b>  | 2.3 kg   |
| <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>PROFenergy</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<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>  | 25 A<br>22.3 A<br>19.6 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>  | 43.3 A<br>39 A<br>33.9 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</b>   | 10 %   |

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|--|--|
| <b>inside-delta circuit</b>  |  |
| <b>operating power for 3-phase motors</b>                                |  |
| • 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                                |
| <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>  |  |
| • 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                                 |
| <b>adjustable motor current</b>  |  |
| • 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                                 |
| <b>minimum load [%]</b>  | 15 %; Relative to smallest settable Ie |
| <b>power loss [W] for rated value of the current at AC</b>               |  |
| • at 40 °C after startup   | 20 W                                   |
| • at 50 °C after startup   | 19 W                                   |

|   |       |
|---|-------|
| <ul style="list-style-type: none"> <li>at 60 °C after startup</li> </ul>  | 18 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> | 376 W |
| <ul style="list-style-type: none"> <li>at 50 °C during startup</li> </ul> | 318 W |
| <ul style="list-style-type: none"> <li>at 60 °C during startup</li> </ul> | 278 W |

### Control circuit/ Control

|   |  |
|---|--|
| <b>type of voltage of the control supply voltage</b>                            | AC   |
| <b>control supply voltage at AC</b>   |  |
| <ul style="list-style-type: none"> <li>at 50 Hz</li> </ul>                      | 110 ... 250 V  |
| <ul style="list-style-type: none"> <li>at 60 Hz</li> </ul>                      | 110 ... 250 V  |
| <b>relative negative tolerance of the control supply voltage at AC at 50 Hz</b> | -15 %  |
| <b>relative positive tolerance of the control supply voltage at AC at 50 Hz</b> | 10 %   |
| <b>relative negative tolerance of the control supply voltage at AC at 60 Hz</b> | -15 %  |
| <b>relative positive tolerance of the control supply voltage at AC at 60 Hz</b> | 10 %   |
| <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 current in standby mode rated value</b>                       | 30 mA  |
| <b>holding current in bypass operation rated value</b>                          | 75 mA  |
| <b>inrush current by closing the bypass contacts maximum</b>                    | 0.17 A   |
| inrush current peak at application of control supply voltage maximum            | 12.2 A   |
| duration of inrush current peak at application of control supply voltage        | 2.2 ms   |
| <b>design of the overvoltage protection</b>                                     | Varistor   |
| <b>design of short-circuit protection for control circuit</b>                   | 4 A gG fuse (I <sub>cu</sub> =1 kA), 6 A quick-acting fuse (I <sub>cu</sub> =1 kA), C1 miniature circuit breaker (I <sub>cu</sub> = 600 A), C6 miniature circuit breaker (I <sub>cu</sub> = 300 A); Is not part of scope of supply |

### Inputs/ Outputs

|   |   |
|---|---|
| <b>number of digital inputs</b>   | 1   |
| <b>number of digital outputs</b>  | 3   |
| <ul style="list-style-type: none"> <li>not parameterizable</li> </ul>           | 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>                          |   |
| <ul style="list-style-type: none"> <li>at AC-15 at 250 V rated value</li> </ul> | 3 A   |
| <ul style="list-style-type: none"> <li>at DC-13 at 24 V rated value</li> </ul>  | 1 A   |

### Installation/ mounting/ dimensions

|   |  |
|---|--|
| <b>mounting position</b>                                      | +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface |
| <b>fastening method</b>                                       | screw fixing   |
| <b>height</b>   | 275 mm   |
| <b>width</b>  | 170 mm   |
| <b>depth</b>  | 152 mm   |
| required spacing with side-by-side mounting                   |  |
| <ul style="list-style-type: none"> <li>forwards</li> </ul>    | 10 mm  |
| <ul style="list-style-type: none"> <li>backwards</li> </ul>   | 0 mm   |
| <ul style="list-style-type: none"> <li>upwards</li> </ul>     | 100 mm   |
| <ul style="list-style-type: none"> <li>downwards</li> </ul>   | 75 mm  |
| <ul style="list-style-type: none"> <li>at the side</li> </ul> | 5 mm   |
| <b>weight without packaging</b>                               | 2.1 kg   |

### Connections/ Terminals

|  |   |
|--|---|
| <b>type of electrical connection</b>                                       |   |
| <ul style="list-style-type: none"> <li>for main current circuit</li> </ul> | screw-type terminals  |
| <ul style="list-style-type: none"> <li>for control circuit</li> </ul>      | screw-type terminals  |
| <b>type of connectable conductor cross-sections</b>                        |   |
| <ul style="list-style-type: none"> <li>for main contacts</li> </ul>        |   |
| — solid  | 2x (1.0 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 10 mm <sup>2</sup> ) |

|   |  |
|---|--|
| <ul style="list-style-type: none"> <li>— finely stranded with core end processing</li> <li>• for AWG cables for main current circuit solid</li> </ul>   | 2x (1.0 ... 2.5 mm <sup>2</sup> ), 2x (2.5 ... 6.0 mm <sup>2</sup> )<br>2x (16 ... 12), 2x (14 ... 8)  |
| <b>type of connectable conductor cross-sections</b> <ul style="list-style-type: none"> <li>• for control circuit solid</li> <li>• for control circuit finely stranded with core end processing</li> <li>• for AWG cables for control circuit solid</li> </ul> | 1x (0.5 ... 4.0 mm <sup>2</sup> ), 2x (0.5 ... 2.5 mm <sup>2</sup> )<br>1x (0.5 ... 2.5 mm <sup>2</sup> ), 2x (0.5 ... 1.5 mm <sup>2</sup> )<br>1x (20 ... 12), 2x (20 ... 14) |
| <b>wire length</b> <ul style="list-style-type: none"> <li>• between soft starter and motor maximum</li> <li>• at the digital inputs at AC maximum</li> </ul>  | 800 m<br>100 m   |
| <b>tightening torque</b> <ul style="list-style-type: none"> <li>• for main contacts with screw-type terminals</li> <li>• for auxiliary and control contacts with screw-type terminals</li> </ul>  | 2 ... 2.5 N·m<br>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> <li>• for auxiliary and control contacts with screw-type terminals</li> </ul>   | 18 ... 22 lbf·in<br>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   |
| <b>ambient temperature</b> <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage and transport</li> </ul>   | -25 ... +60 °C; Please observe derating at temperatures of 40 °C or above<br>-40 ... +80 °C   |
| <b>environmental category</b> <ul style="list-style-type: none"> <li>• during operation according to IEC 60721</li> <li>• during storage according to IEC 60721</li> <li>• during transport 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<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) |

#### Environmental footprint

|  |                 |
|--|-----------------|
| global warming potential [CO <sub>2</sub> eq] total                | 185 kg          |
| global warming potential [CO <sub>2</sub> eq] during manufacturing | 37.2 kg         |
| global warming potential [CO <sub>2</sub> eq] during sales         | 0.66 kg         |
| global warming potential [CO <sub>2</sub> eq] during operation     | 152 kg          |
| global warming potential [CO <sub>2</sub> eq] after end of life    | -4.19 kg        |
| Siemens Eco Profile (SEP)  | Siemens EcoTech |

#### Electromagnetic compatibility

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>EMC emitted interference</b> | acc. to IEC 60947-4-2: Class A |
|---------------------------------|--------------------------------|

#### Communication/ Protocol

|   |                                 |
|---|---------------------------------|
| <b>communication module is supported</b> <ul style="list-style-type: none"> <li>• PROFINET standard</li> <li>• EtherNet/IP</li> <li>• Modbus RTU</li> <li>• Modbus TCP</li> <li>• PROFIBUS</li> </ul> | Yes<br>Yes<br>Yes<br>Yes<br>Yes |
|---|---------------------------------|

#### UL/CSA ratings

|   |   |
|---|---|
| <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 according to UL</li> <li>— usable for High Faults up to 575/600 V according to UL</li> <li>— usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>— usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul> </li> </ul> | Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; I <sub>q</sub> = 5 kA<br>Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; I <sub>q</sub> max = 65 kA<br>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; I <sub>q</sub> = 5 kA<br>Siemens type: 3VA51, max. 60 A; I <sub>q</sub> max = 65 kA<br>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; I <sub>q</sub> = 5 kA<br>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; I <sub>q</sub> = 5 kA<br>Type: Class RK5 / K5, max. 100 A; I <sub>q</sub> = 5 kA<br>Type: Class J / L, max. 100 A; I <sub>q</sub> = 100 kA<br>Type: Class RK5 / K5, max. 100 A; I <sub>q</sub> = 5 kA<br>Type: Class J / L, max. 100 A; I <sub>q</sub> = 100 kA |
| <b>operating power [hp] for 3-phase motors</b>  |   |

- at 200/208 V at 50 °C rated value 5 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 value 10 hp
- at 220/230 V at inside-delta circuit at 50 °C rated value 10 hp
- at 460/480 V at inside-delta circuit at 50 °C rated value 25 hp

|  |  |
|--|--|
| <b>contact rating of auxiliary contacts according to UL</b>    | R300-B300  |
| Electrical Safety  |  |
| <b>protection class IP on the front according to IEC 60529</b> | IP20   |
| <b>touch protection on the front according to IEC 60529</b>    | finger-safe, for vertical contact from the front |

**Approvals Certificates**

|                          |     |
|--------------------------|-----|
| General Product Approval | EMV |
|--------------------------|-----|



|     |                   |                      |
|-----|-------------------|----------------------|
| EMV | Test Certificates | Maritime application |
|-----|-------------------|----------------------|

[KC](#)

[Type Test Certificates/Test Report](#)



|       |             |
|-------|-------------|
| other | Environment |
|-------|-------------|



[Confirmation](#)



[Environmental Confirmations](#)

**Further information**

**Information on the packaging**

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

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

**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=3RW5215-1AC14>

**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5215-1AC14>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-1AC14>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RW5215-1AC14&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5215-1AC14&lang=en)

**Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current**

<https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-1AC14/char>

**Characteristic: Installation altitude**

<https://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5215-1AC14&objecttype=14&gridview=view1>

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

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





