## SIEMENS

## Data sheet

## 3RW5214-3AC05



SIRIUS soft starter 200-600 V 18 A, 24 V AC/DC spring-type 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>        |
| 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  |
| <ul> <li>is supported HMI-Standard</li> </ul>   | Yes   |
| • is supported HMI-High Feature   | Yes   |
|   |   |
| product feature integrated bypass contact system  | Yes   |

| trin class   |   |
|--|---|
| trip class   | CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2                |
| <ul> <li>buffering time in the event of power failure</li> <li>for main current circuit</li> </ul> | 100 ms  |
| for control circuit  | 100 ms  |
|  | 600 V   |
| insulation voltage rated value degree of pollution   | 3, acc. to IEC 60947-4-2  |
| impulse voltage rated value  | 5, acc. to fee 60947-4-2<br>6 kV                                      |
|  | 1 600 V   |
| blocking voltage of the thyristor maximum service factor   | 1   |
|  | 6 kV  |
| surge voltage resistance rated value<br>maximum permissible voltage for safe isolation             | O KV  |
| between main and auxiliary circuit   | 600 V   |
| shock resistance   |   |
| vibration resistance   | 15 g / 11 ms, from 12 g / 11 ms with potential contact lifting        |
|  | 15 mm to 6 Hz; 2g to 500 Hz<br>AC 53a                                 |
| utilization category according to IEC 60947-4-2  |   |
| reference code according to IEC 81346-2  | Q<br>02/15/2018   |
| Substance Prohibitance (Date)  | 02/15/2018  |
| product function   | Voc   |
| ramp-up (soft starting)     ramp down (soft stop)  | Yes   |
| ramp-down (soft stop)  | Yes   |
| Soft Torque  |   |
| adjustable current limitation  | Yes   |
| pump ramp down     intrineig dowing protection   | 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   |
| <ul> <li>operating measured value display</li> </ul>   | 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<br>module |
| <ul> <li>firmware update</li> </ul>  | Yes   |
| <ul> <li>removable terminal for control circuit</li> </ul>   | 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   | 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  | 200 600 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<br>inside-delta circuit                    | -15 %   |
| relative positive tolerance of the operating voltage at  | 10 %  |
| inside-delta circuit   |   |
| operating power for 3-phase motors   |   |
|  |   |

| • 220 V al inside-data cruut at 40 °C rada value         7.5 W           • at 400 V at 0 °C rada value         7.5 W           • at 400 V at 0 °C rada value         7.5 W           • at 500 V at 0 °C rada value         15 W           • at 500 V at 0 °C rada value         15 W           • at 500 V at 0 °C rada value         0 Hz           • at 500 V at 0 °C rada value         0 Hz           • at 600 V at 0 °C rada value         0 Hz           • at rodary coding switch on switch patison 1         0 %           • at rodary coding switch on switch patison 3         8.2 A           • at rodary coding switch on switch patison 3         8.2 A           • at rodary coding switch on switch patison 5         10.3 A           • at rodary coding switch on switch patison 5         11.4 A           • at rodary coding switch on switch patison 5         12.4 A           • at rodary coding switch on switch patison 5         13.4 A           • at rodary coding switch on switch patison 1         14.5 A           • at rodary coding switch on switch patison 1         15.8 A           • at rodary coding switch on switch patison 1         15.8 A           • at rodary coding switch on switch patison 1         15.8 A           • at rodary coding switch on switch patison 1         15.8 A           • at rodary coding switch on s   | • at 230 V at 40 °C rated value   | 4 kW   |
|---|---|--------|
| • 4 400 V at 40 °C rated value         7.5 kW           • 4 400 V at 40 °C rated value         15 kW           • at 500 V at 40 °C rated value         11 kW           • at 500 V at 40 °C rated value         012           • at 500 V at 40 °C rated value         0142           • Deprating frequency 1 rated value         0142           • At rotary coding switch on switch position 1         7.5 A           • at rotary coding switch on switch position 2         8.2 A           • at rotary coding switch on switch position 3         8.9 A           • at rotary coding switch on switch position 5         10.3 A           • at rotary coding switch on switch position 6         11.4 A           • at rotary coding switch on switch position 7         11.7 A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 S.A           • at rotary coding switch on switch position 1         1.5 A <td></td> <td></td>   |   |        |
|   |   |        |
| • at 500 V at 40 °C rated value         18.5 W           Operating frequency 1 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           Telative negative tolerance of the operating frequency         10 %           • in totay coding switch on switch position 1         7.5 A           • in totay coding switch on switch position 2         82 A           • at rotary coding switch on switch position 3         89 A           • at rotary coding switch on switch position 5         10.3 A           • at rotary coding switch on switch position 6         11 A           • at rotary coding switch on switch position 7         11.7 A           • at rotary coding switch on switch position 8         12.4 A           • at rotary coding switch on switch position 1         14.5 A           • at rotary coding switch on switch position 1         14.5 A           • at rotary coding switch on switch position 1         15.4 A           • at rotary coding switch on switch position 1         15.4 A           • at rotary coding switch on switch position 1         13.4           • at rotary coding switch on switch position 1         14.2 A           • at rotary coding switch on switch position 1         13.  |   |        |
|   |   |        |
| Operating frequency 1 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           Introduce contrect         7.5 A           attract regiment of regression 1         7.5 A           attract regression 2         7.5 A           attract regression 2         8.9 A           attract regression 2         9.1 A     <   |   |        |
| Operating frequency 2 rated value         60 Hz           relative negative tolerance of the operating frequency         10 %           adjustable motor current         10 %           adjustable motor current         10 %           a it rotary coding switch on switch position 1         7.5 A           a it rotary coding switch on switch position 3         8.9 A           a it rotary coding switch on switch position 4         9.6 A           a it rotary coding switch on switch position 5         10.3 A           a it rotary coding switch on switch position 6         11.4           a it rotary coding switch on switch position 6         11.4           a it rotary coding switch on switch position 6         13.1 A           a it rotary coding switch on switch position 10         13.8 A           a it rotary coding switch on switch position 11         14.5 A           a it rotary coding switch on switch position 11         15.2 A           a it rotary coding switch on switch position 13         15.9 A           a it rotary coding switch on switch position 14         16.8 A           a it rotary coding switch on switch position 15         17.3 A           a it rotary coding switch on switch position 16         18.4           a it rotary coding switch on switch position 16         16.6 A           witch position 4         16.6 A  |   |        |
| relative negative tolerance of the operating frequency         40 %           relative positive tolerance of the operating frequency         10 %           adjustable motor current         7.5 A           • it rolary coding switch on switch position 2         8.2 A           • it rolary coding switch on switch position 2         8.2 A           • it rolary coding switch on switch position 2         8.2 A           • it rolary coding switch on switch position 5         10.3 A           • it rolary coding switch on switch position 5         11.3 A           • it rolary coding switch on switch position 7         11.7 A           • it rolary coding switch on switch position 10         13.8 A           • it rolary coding switch on switch position 10         13.8 A           • it rolary coding switch on switch position 10         13.8 A           • it rolary coding switch on switch position 12         15.2 A           • it rolary coding switch on switch position 15         17.3 A           • it rolary coding switch on switch position 15         17.3 A           • it rolary coding switch on switch position 15         17.3 A           • it rolary coding switch on switch position 15         17.3 A           • it rolary coding switch on switch position 15         17.3 A           • it rolary coding switch on switch position 16         17.3 A   |   |        |
| relative positive tolerance of the operating frequency         10 %           adjustable motor current         7.5 Å           • at totary coding switch on switch position 1         8.2 Å           • at totary coding switch on switch position 3         8.9 Å           • at totary coding switch on switch position 4         9.6 Å           • at totary coding switch on switch position 5         10.3 Å           • at totary coding switch on switch position 6         11.Å           • at totary coding switch on switch position 7         17.7 Å           • at totary coding switch on switch position 8         12.4 Å           • at totary coding switch on switch position 1         13.8 Å           • at totary coding switch on switch position 1         15.4 Å           • at totary coding switch on switch position 11         14.5 Å           • at totary coding switch on switch position 13         15.9 Å           • at totary coding switch on switch position 15         17.3 Å           • at totary coding switch on switch position 16         17.3 Å           • at totary coding switch on switch position 16         17.3 Å           • at totary coding switch on switch position 16         17.3 Å           • at totary coding switch on switch position 16         17.3 Å           • at totary coding switch on switch position 16         17.3 Å           • at  |   |        |
| adjustable motor current7.5 A• at rolary coding switch on switch position 28.2 A• at rolary coding switch on switch position 38.9 A• at rolary coding switch on switch position 49.6 A• at rolary coding switch on switch position 510.3 A• at rolary coding switch on switch position 611 A• at rolary coding switch on switch position 711.7 A• at rolary coding switch on switch position 711.7 A• at rolary coding switch on switch position 913.1 A• at rolary coding switch on switch position 1013.8 A• at rolary coding switch on switch position 1013.8 A• at rolary coding switch on switch position 1114.5 A• at rolary coding switch on switch position 1215.2 A• at rolary coding switch on switch position 1315.9 A• at rolary coding switch on switch position 1416.6 A• at rolary coding switch on switch position 1517.3 A• at rolary coding switch on switch position 1618.4• at rolary coding switch on switch position 1517.3 A• at rolary coding switch on switch position 1618.4• at rolary coding switch on switch position 1618.4• at rolary coding switch on switch position 1711.7 A• at rolary coding switch on switch position 1813.4• at rolary coding switch on switch position 1416.6 A• at rolary coding switch on switch position 1513.4• at rolary coding switch on switch position 1513.4• at rolary coding switch on switch position 1613.4•  |   |        |
| et rotary coding switch on switch position 28.2 A• at rotary coding switch on switch position 49.6 A• at rotary coding switch on switch position 510.3 A• at rotary coding switch on switch position 611 A• at rotary coding switch on switch position 711.7 A• at rotary coding switch on switch position 913.1 A• at rotary coding switch on switch position 913.1 A• at rotary coding switch on switch position 1013.8 A• at rotary coding switch on switch position 1013.8 A• at rotary coding switch on switch position 1114.5 A• at rotary coding switch on switch position 1215.2 A• at rotary coding switch on switch position 1315.9 A• at rotary coding switch on switch position 1416.6 A• at rotary coding switch on switch position 1517.3 A• at rotary coding switch on switch position 1513.4• at rotary coding switch on switch position 1618.A• at rotary coding switch on switch position 1715.4 A• for inside-felta circuit at rotary coding switch on switch position 114.2 A• for inside-felta circuit at rotary coding switch on switch position 215.4 A• for inside-felta circuit at rotary coding switch on switch position 316.6 A• for inside-felta circuit at rotary coding switch on switch position 419.1 A• for inside-felta circuit at rotary coding switch on switch position 717.8 A• for inside-felta circuit at rotary coding switch on switch position 715.1 A• for inside-felta circuit at rotary coding switch on switch po   | adjustable motor current  |        |
| trobs witch position 3     trobs witch position 3     trobs witch position 4     if totary coding switch on switch position 5     if totary coding switch on switch position 6     if totary coding switch on switch position 7     if totary coding switch on switch position 1     if to inside-delta circuit at rotary coding switch on     switch position 2     if rotary coding switch on     switch position 4     if rotary coding switch on     switch position 1     if rotaride-delta circuit at rotary coding switc | <ul> <li>at rotary coding switch on switch position 1</li> </ul>        | 7.5 A  |
| trobuy coding switch on switch position 4     if trobuy coding switch on switch position 5     10.3 A     if trobuy coding switch on switch position 5     11 A     if trobuy coding switch on switch position 7     11.7 A     if trobuy coding switch on switch position 7     11.7 A     if trobuy coding switch on switch position 7     11.7 A     if trobuy coding switch on switch position 10     13.8 A     if trobuy coding switch on switch position 10     13.8 A     if trobuy coding switch on switch position 11     15.5 A     if trobuy coding switch on switch position 12     if coding coding switch on switch position 14     if coding coding switch on switch position 15     if trobuy coding switch on     switch position 2     if or inside-delta circuit at robuy coding switch on     switch position 5     if r inside-delta circuit at robuy coding switch on     switch position 5     if r inside-delta circuit at robuy coding switch on     switch position 5     if r inside-delta circuit at robuy coding switch on     switch position 5     if r inside-delta circuit at robuy coding switch on     switch position 1     if r inside-delta circuit at robuy coding switch on     switch position 1     if r inside-delta circuit at robuy coding switch on     switch position 1     if r inside-delta circuit at robuy coding switch on     switch position 1     if r inside-delta circuit at robuy c | <ul> <li>at rotary coding switch on switch position 2</li> </ul>        | 8.2 A  |
| trotary coding switch on switch position 5     10.3 A     it rotary coding switch on switch position 7     11.7 A     it rotary coding switch on switch position 7     11.7 A     it rotary coding switch on switch position 8     12.4 A     it rotary coding switch on switch position 10     13.8 A     it rotary coding switch on switch position 10     13.8 A     it rotary coding switch on switch position 12     15.2 A     it rotary coding switch on switch position 12     15.2 A     it rotary coding switch on switch position 12     15.2 A     it rotary coding switch on switch position 14     16.6 A     it rotary coding switch on switch position 15     17.3 A     it rotary coding switch on switch position 15     17.3 A     it rotary coding switch on switch position 16     it rotary coding switch on switch position 16     it for inside-delta circuit at rotary coding switch on     switch position 1     if rotary coding switch on switch position 16     if A     it rotary coding switch on switch position 16     if A     it rotary coding switch on     switch position 1     if rotary coding switch on     switch position 2     if or inside-delta circuit at rotary coding switch on     switch position 4     if rotary coding switch on     switch position 7     if rot inside-delta circuit at rotary coding switch on     switch position 1     if rota | <ul> <li>at rotary coding switch on switch position 3</li> </ul>        | 8.9 A  |
| e at rotary coding switch on switch position 611 Ae at rotary coding switch on switch position 711.7 Ae at rotary coding switch on switch position 812.4 Ae at rotary coding switch on switch position 1013.8 Ae at rotary coding switch on switch position 1114.5 Ae at rotary coding switch on switch position 1215.2 Ae at rotary coding switch on switch position 1315.9 Ae at rotary coding switch on switch position 1416.6 Ae at rotary coding switch on switch position 1517.3 Ae at rotary coding switch on switch position 1517.3 Ae at rotary coding switch on switch position 1618.Ae at rotary coding switch on switch position 1517.3 Ae at rotary coding switch on switch position 1613.Ae at rotary coding switch on switch position 1714.2 Ae for inside-delta circuit at rotary coding switch on14.2 Aswitch position 215.4 Aswitch position 315.4 Aswitch position 420.3 Ae for inside-delta circuit at rotary coding switch on20.3 Aswitch position 721.5 Ae for inside-delta circuit at rotary coding switch on21.5 Ae for inside-delta circuit at rotary coding switch on22.7 Ae for inside-delta circuit at rotary coding switch on23.9 Ae for inside-delta circuit at rotary coding switch on23.9 Ae for inside-delta circuit at rotary coding switch on23.9 Ae for inside-delta circuit at rotary coding switch on23.9 Ae for inside-delta circuit at r  | <ul> <li>at rotary coding switch on switch position 4</li> </ul>        | 9.6 A  |
| • at rotary coding switch on switch position 7         11.7 Å           • at rotary coding switch on switch position 8         12.4 Å           • at rotary coding switch on switch position 9         13.1 Å           • at rotary coding switch on switch position 10         13.8 Å           • at rotary coding switch on switch position 12         15.2 Å           • at rotary coding switch on switch position 13         15.9 Å           • at rotary coding switch on switch position 14         16.6 Å           • at rotary coding switch on switch position 15         17.3 Å           • at rotary coding switch on switch position 16         18 Å           • at rotary coding switch on switch position 15         17.3 Å           • at rotary coding switch on switch position 16         18 Å           • for inside-delta circuit at rotary coding switch on switch position 1         14.2 Å           • for inside-delta circuit at rotary coding switch on switch position 2         15.4 Å           • for inside-delta circuit at rotary coding switch on switch position 3         17.8 Å           • for inside-delta circuit at rotary coding switch on switch position 6         19.1 Å           • for inside-delta circuit at rotary coding switch on switch position 1         19.1 Å           • for inside-delta circuit at rotary coding switch on switch position 1         21.5 Å           • for inside-delta circuit at rotary coding switch  | <ul> <li>at rotary coding switch on switch position 5</li> </ul>        | 10.3 A |
| • at rotary coding switch on switch position 9         12.4 A           • at rotary coding switch on switch position 10         13.8 A           • at rotary coding switch on switch position 11         14.6 A           • at rotary coding switch on switch position 12         15.2 A           • at rotary coding switch on switch position 13         15.9 A           • at rotary coding switch on switch position 14         16.6 A           • at rotary coding switch on switch position 15         17.3 A           • at rotary coding switch on switch position 16         19.4 A           • at rotary coding switch on switch position 16         19.4 A           • at rotary coding switch on switch position 16         19.4 A           • at rotary coding switch on switch position 16         19.4 A           • at rotary coding switch on switch position 16         19.4 A           • at rotary coding switch on switch position 16         19.4 A           • for inside-delta circuit at rotary coding switch on switch position 2         15.4 A           • for inside-delta circuit at rotary coding switch on switch position 3         16.6 A           • for inside-delta circuit at rotary coding switch on switch position 7         17.8 A           • for inside-delta circuit at rotary coding switch on switch position 7         19.1 A           • for inside-delta circuit at rotary coding switch on switch position 10         21   | <ul> <li>at rotary coding switch on switch position 6</li> </ul>        | 11 A   |
| • at rotary coding switch on switch position 1013.1 A• at rotary coding switch on switch position 1013.8 A• at rotary coding switch on switch position 1114.5 A• at rotary coding switch on switch position 1215.2 A• at rotary coding switch on switch position 1315.9 A• at rotary coding switch on switch position 1416.6 A• at rotary coding switch on switch position 1618.4 A• at rotary coding switch on switch position 1618.4 A• at rotary coding switch on switch position 1618.4 A• for inside-delta circuit at rotary coding switch on switch position 114.2 A• for inside-delta circuit at rotary coding switch on switch position 215.4 A• for inside-delta circuit at rotary coding switch on switch position 316.6 A• for inside-delta circuit at rotary coding switch on switch position 416.6 A• for inside-delta circuit at rotary coding switch on switch position 519.1 A• for inside-delta circuit at rotary coding switch on switch position 620.3 A• for inside-delta circuit at rotary coding switch on switch position 721.5 A• for inside-delta circuit at rotary coding switch on switch position 1023.9 A• for inside-delta circuit at rotary coding switch on switch position 1123.3 A• for inside-delta circuit at rotary coding switch on switch position 1123.4 A• for inside-delta circuit at rotary coding switch on switch position 1125.1 A• for inside-delta circuit at rotary coding switch on switch position 1223.9 A• for inside-delta circuit at rotary coding switch on swi   | <ul> <li>at rotary coding switch on switch position 7</li> </ul>        | 11.7 A |
| • at rotary coding switch on switch position 1013.8 A• at rotary coding switch on switch position 1215.2 A• at rotary coding switch on switch position 1315.9 A• at rotary coding switch on switch position 1416.6 A• at rotary coding switch on switch position 1517.3 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 1618 A• at rotary coding switch on switch position 114.2 A• for inside-delta circuit at rotary coding switch on14.2 A• for inside-delta circuit at rotary coding switch on15.4 A• for inside-delta circuit at rotary coding switch on17.8 A• for inside-delta circuit at rotary coding switch on20.3 A• for inside-delta circuit at rotary coding switch on21.5 A• for inside-delta circuit at rotary coding switch on22.7 A• for inside-delta circuit at rotary coding switch on23.9 A• for inside-delta circuit at rotary coding switch on23.9 A• for inside-delta circuit at rotary coding switch on25.1 A• for inside-delta circuit at rotary coding switch on25.1 A• for inside-delta circuit at rotary coding switch on25.1 A• for inside-delta circuit at rotary coding switch on<   | <ul> <li>at rotary coding switch on switch position 8</li> </ul>        | 12.4 A |
| • at rotary coding switch on switch position 11         14.5 A           • at rotary coding switch on switch position 13         15.9 A           • at rotary coding switch on switch position 14         16.6 A           • at rotary coding switch on switch position 15         17.3 A           • at rotary coding switch on switch position 16         18.4 A           • at rotary coding switch on switch position 16         18.4 A           • at rotary coding switch on switch position 16         18.4 A           • for inside-defla circuit at rotary coding switch on switch position 11         14.2 A           • for inside-defla circuit at rotary coding switch on switch position 2         14.2 A           • for inside-defla circuit at rotary coding switch on switch position 3         16.6 A           • for inside-defla circuit at rotary coding switch on switch position 5         15.4 A           • for inside-defla circuit at rotary coding switch on switch position 5         19.1 A           • for inside-defla circuit at rotary coding switch on switch position 6         20.3 A           • for inside-defla circuit at rotary coding switch on switch position 10         21.5 A           • for inside-defla circuit at rotary coding switch on switch position 7         21.5 A           • for inside-defla circuit at rotary coding switch on switch position 10         21.5 A           • for inside-defla circuit at rotary coding switch on switch position 12 <td><ul> <li>at rotary coding switch on switch position 9</li> </ul></td> <td>13.1 A</td>   | <ul> <li>at rotary coding switch on switch position 9</li> </ul>        | 13.1 A |
| • at rotary coding switch on switch position 1215.2 Å• at rotary coding switch on switch position 1416.6 Å• at rotary coding switch on switch position 1517.3 Å• at rotary coding switch on switch position 1618 Å• at rotary coding switch on switch position 1618 Å• for inside-delta circuit at rotary coding switch on7.5 Åadjustable motor current13 Å• for inside-delta circuit at rotary coding switch on14.2 Å• for inside-delta circuit at rotary coding switch on15.4 Å• for inside-delta circuit at rotary coding switch on16.6 Å• for inside-delta circuit at rotary coding switch on17.8 Å• for inside-delta circuit at rotary coding switch on20.3 Å• for inside-delta circuit at rotary coding switch on20.3 Å• for inside-delta circuit at rotary coding switch on21.5 Å• for inside-delta circuit at rotary coding switch on22.7 Å• for inside-delta circuit at rotary coding switch on23.9 Å• for inside-delta circuit at rotary coding switch on23.9 Å• for inside-delta circuit at rotary coding switch on27.5 Å• for inside-delta circuit at rotary coding switch on27.5 Å• for inside-delta circuit at rotary coding switch on28.8 Å• for inside-delta circuit at rotary coding switch on31.2 Å• for inside-delta circuit at rotary coding switch on31.2 Å• for inside-delta circuit at rotary coding switch on31.2 Å• for inside-delta circuit at rotary coding switch on31.2 Å• for inside-dedlta circuit at r  | <ul> <li>at rotary coding switch on switch position 10</li> </ul>       | 13.8 A |
| • at rotary coding switch on switch position 1315.9 Å• at rotary coding switch on switch position 1416.6 Å• at rotary coding switch on switch position 1517.3 Å• at rotary coding switch on switch position 1618 Å• for inside-detta circuit at rotary coding switch on13 Å• for inside-detta circuit at rotary coding switch on13 Å• for inside-detta circuit at rotary coding switch on14.2 Å• for inside-detta circuit at rotary coding switch on15.4 Å• for inside-detta circuit at rotary coding switch on16.6 Å• for inside-detta circuit at rotary coding switch on17.8 Å• for inside-detta circuit at rotary coding switch on19.1 Å• for inside-detta circuit at rotary coding switch on19.1 Å• for inside-detta circuit at rotary coding switch on20.3 Å• for inside-detta circuit at rotary coding switch on21.5 Å• for inside-detta circuit at rotary coding switch on22.7 Å• for inside-detta circuit at rotary coding switch on23.9 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on25.1 Å• for inside-detta circuit at rotary coding switch on26.3 Å <trr< td=""><td><ul> <li>at rotary coding switch on switch position 11</li> </ul></td><td>14.5 A</td></trr<>   | <ul> <li>at rotary coding switch on switch position 11</li> </ul>       | 14.5 A |
| • at rotary coding switch on switch position 1416.6 A• at rotary coding switch on switch position 1517.3 A• at rotary coding switch on switch position 1618 A• minimum7.5 Aadjustable motor current13 A• for inside-delta circuit at rotary coding switch on<br>switch position 314.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 315.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 316.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 417.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 519.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 719.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1522.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1225.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1325.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1426.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1426.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch posi  | <ul> <li>at rotary coding switch on switch position 12</li> </ul>       | 15.2 A |
| • at rotary coding switch on switch position 15       17.3 A         • at rotary coding switch on switch position 16       18 A         • minimum       7.5 A         adjustable motor current       13 A         • for inside-detta circuit at rotary coding switch on switch position 1       13 A         • for inside-detta circuit at rotary coding switch on switch position 3       14.2 A         • for inside-detta circuit at rotary coding switch on switch position 3       15.4 A         • for inside-detta circuit at rotary coding switch on switch position 6       16.6 A         • for inside-detta circuit at rotary coding switch on switch position 6       19.1 A         • for inside-detta circuit at rotary coding switch on switch position 7       20.3 A         • for inside-detta circuit at rotary coding switch on switch position 7       21.5 A         • for inside-detta circuit at rotary coding switch on switch position 15       23.9 A         • for inside-detta circuit at rotary coding switch on switch position 11       23.9 A         • for inside-detta circuit at rotary coding switch on switch position 12       26.3 A         • for inside-detta circuit at rotary coding switch on switch position 13       28.3 A         • for inside-detta circuit at rotary coding switch on switch position 14       27.5 A         • for inside-detta circuit at rotary coding switch on switch position 12       26.3 A         <  | <ul> <li>at rotary coding switch on switch position 13</li> </ul>       | 15.9 A |
| • at rotary coding switch on switch position 1618 A• minimum7.5 Aadjustable motor current7.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 113 A• for inside-delta circuit at rotary coding switch on<br>switch position 213.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 414.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 415.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 510.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 510.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 520.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 722.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1023.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1026.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1426.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1527.5 A• for inside-   | <ul> <li>at rotary coding switch on switch position 14</li> </ul>       | 16.6 A |
| • minimum7.5 Aadjustable motor current13 A• for inside-delta circuit at rotary coding switch on<br>switch position 213 A• for inside-delta circuit at rotary coding switch on<br>switch position 314.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 315.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 416.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 617.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 719.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 723.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1125.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1325.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1428.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1628.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1630 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A <td><ul> <li>at rotary coding switch on switch position 15</li> </ul></td> <td>17.3 A</td>  | <ul> <li>at rotary coding switch on switch position 15</li> </ul>       | 17.3 A |
| adjustable motor current       13 A         • for inside-delta circuit at rotary coding switch on switch position 1       13 A         • for inside-delta circuit at rotary coding switch on switch position 2       14.2 A         • for inside-delta circuit at rotary coding switch on switch position 3       15.4 A         • for inside-delta circuit at rotary coding switch on switch position 5       16.6 A         • for inside-delta circuit at rotary coding switch on switch position 6       17.8 A         • for inside-delta circuit at rotary coding switch on switch position 6       20.3 A         • for inside-delta circuit at rotary coding switch on switch position 7       21.5 A         • for inside-delta circuit at rotary coding switch on switch position 7       21.5 A         • for inside-delta circuit at rotary coding switch on switch position 7       22.7 A         • for inside-delta circuit at rotary coding switch on switch position 10       25.1 A         • for inside-delta circuit at rotary coding switch on switch position 11       26.3 A         • for inside-delta circuit at rotary coding switch on switch position 12       28.8 A         • for inside-delta circuit at rotary coding switch on switch position 13       28.8 A         • for inside-delta circuit at rotary coding switch on switch position 13       30 A         • for inside-delta circuit at rotary coding switch on switch position 14       30 A         • for inside-del   | <ul> <li>at rotary coding switch on switch position 16</li> </ul>       | 18 A   |
| • for inside-delta circuit at rotary coding switch on<br>switch position 113 A• for inside-delta circuit at rotary coding switch on<br>switch position 214.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 315.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 416.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 517.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 519.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 822.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1023.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A  | • minimum   | 7.5 A  |
| switch position 114.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 314.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 315.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 516.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 517.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 619.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 822.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 923.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1326.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1426.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A• for inside-delta circuit at   | adjustable motor current  |        |
| switch position 215.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 415.4 A• for inside-delta circuit at rotary coding switch on<br>switch position 516.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 517.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 619.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 922.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1023.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1125.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A  | switch position 1   |        |
| switch position 316.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 516.6 A• for inside-delta circuit at rotary coding switch on<br>switch position 517.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 719.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 822.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1023.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1125.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A  | switch position 2   |        |
| switch position 417.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 517.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 719.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 922.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1023.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1125.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A• at inside-delta circuit minimum13 A   | switch position 3   |        |
| switch position 519.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 720.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 821.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 922.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 1023.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1125.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1228.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A  | switch position 4   |        |
| switch position 620.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 822.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 923.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A  | switch position 5   |        |
| switch position 721.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 822.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 923.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A  | switch position 6   |        |
| switch position 822.7 A• for inside-delta circuit at rotary coding switch on<br>switch position 923.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1631.2 A   | switch position 7   |        |
| switch position 923.9 A• for inside-delta circuit at rotary coding switch on<br>switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1328.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1430 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit minimum13 A  | switch position 8   |        |
| switch position 1025.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1125.1 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1428.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1530 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit at rotary coding switch on<br>switch position 16<br>• at inside-delta circuit minimum13 Aminimum load [%]15 %; Relative to smallest settable le  | switch position 9   |        |
| switch position 1126.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1226.3 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1428.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1530 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit minimum13 A• at inside-delta circuit minimum15 %; Relative to smallest settable le  | switch position 10  |        |
| switch position 1227.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1327.5 A• for inside-delta circuit at rotary coding switch on<br>switch position 1428.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1530 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit minimum13 A• minimum load [%]15 %; Relative to smallest settable le  | switch position 11  |        |
| • for inside-delta circuit at rotary coding switch on<br>switch position 1428.8 A• for inside-delta circuit at rotary coding switch on<br>switch position 1530 A• for inside-delta circuit at rotary coding switch on<br>switch position 1531.2 A• for inside-delta circuit minimum13 A• minimum load [%]15 %; Relative to smallest settable le   | switch position 12  | 27.5 A |
| • for inside-delta circuit at rotary coding switch on switch position 15       30 A         • for inside-delta circuit at rotary coding switch on switch position 16       31.2 A         • at inside-delta circuit minimum       13 A         minimum load [%]       15 %; Relative to smallest settable le  | <ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul> | 28.8 A |
| • for inside-delta circuit at rotary coding switch on switch position 16       31.2 A         • at inside-delta circuit minimum       13 A         minimum load [%]       15 %; Relative to smallest settable le  | <ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul> | 30 A   |
| • at inside-delta circuit minimum 13 A<br>minimum load [%] 15 %; Relative to smallest settable le   | <ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul> | 31.2 A |
| minimum load [%] 15 %; Relative to smallest settable le   |   | 13 A   |
|   |   |        |
|   | power loss [W] for rated value of the current at AC                     |        |

| • at 40 °C after startup  | 17 W   |
|---|--|
| <ul> <li>at 50 °C after startup</li> </ul>                                  | 17 W   |
| • at 60 °C after startup  | 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   | 200 W  |
| Control circuit/ Control  |  |
| type of voltage of the control supply voltage                               | AC/DC  |
| control supply voltage at AC  |  |
| <ul> <li>at 50 Hz rated value</li> </ul>                                    | 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<br>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  |  |
| <ul> <li>at DC rated value</li> </ul>                                       | 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<br>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 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                                 | 10   |
| • forwards  | 10 mm  |
| backwards   | 0 mm   |
| <ul> <li>upwards</li> </ul>   | 100 mm   |

| <ul> <li>downwards</li> </ul>  | 75 mm  |
|--|--|
| advinwards     at the side   | 75 mm<br>5 mm  |
| weight without packaging   | 2.1 kg   |
| Connections/ Terminals   | g  |
| type of electrical connection  |  |
| for main current circuit   | screw-type terminals   |
| <ul> <li>for control circuit</li> </ul>  | spring-loaded 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>  | 2x (0.25 1.5 mm²)  |
| <ul> <li>for control circuit finely stranded with core end<br/>processing</li> </ul>   | 2x (0.25 1.5 mm²)  |
| at AWG cables for control circuit solid  | 2x (24 16)   |
| <ul> <li>at AWG cables for control circuit finely stranded with</li> </ul>   | 2x (24 16)<br>2x (24 16)   |
| core end processing  |  |
| wire length  |  |
| <ul> <li>between soft starter and motor maximum</li> </ul>   | 800 m  |
| <ul> <li>at the digital inputs at AC maximum</li> </ul>  | 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<br/>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</li> </ul>   | 7 10.3 lbf·in  |
| terminals  |  |
| 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<br>above   |
| <ul> <li>during storage and transport</li> </ul>   | -40 +80 °C   |
| environmental category   |  |
| <ul> <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   |
| during storage according to IEC 60721  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must   |
|  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4   |
| during transport according to IEC 60721  | mist), 3S2 (sand must not get into the devices), 3M6 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)   |
| during transport according to IEC 60721  EMC emitted interference  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4   |
| • during transport according to IEC 60721     EMC emitted interference     Communication/ Protocol   | mist), 3S2 (sand must not get into the devices), 3M6 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)   |
| • during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication module is supported  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A  |
| • during transport according to IEC 60721     EMC emitted interference     Communication/ Protocol   | mist), 3S2 (sand must not get into the devices), 3M6 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)   |
| • during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard   | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes   |
| • during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard • EtherNet/IP   | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes  |
| • during transport according to IEC 60721      EMC emitted interference      Communication/ Protocol      communication module is supported      • PROFINET standard      • EtherNet/IP      • Modbus RTU  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes  |
| • during transport according to IEC 60721      EMC emitted interference      Communication / Protocol      emunication module is supported      • PROFINET standard      • EtherNet/IP      • Modbus RTU      • Modbus TCP   | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes<br>Yes   |
| • during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol      • PROFINET standard      • EtherNet/IP      • Modbus RTU      • Modbus TCP      • PROFIBUS   | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes<br>Yes   |
| e during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication module is supported      PROFINET standard      EtherNet/IP      Modbus RTU      Modbus TCP      PROFIBUS  UL/CSA ratings  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes<br>Yes   |
| e during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication module is supported      PROFINET standard      EtherNet/IP      Modbus RTU      Modbus TCP      PROFIBUS  UL/CSA ratings manufacturer's article number  | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes<br>Yes   |
| e during transport according to IEC 60721  EMC emitted interference  Communication Protocol  communication module is supported      PROFINET standard      EtherNet/IP      Modbus RTU      Modbus TCP      PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker      — usable for Standard Faults at 460/480 V | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes   |
| e during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication module is supported      PROFINET standard      EtherNet/IP      Modbus RTU      Modbus TCP      PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker   | mist), 3S2 (sand must not get into the devices), 3M6<br>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must<br>not get inside the devices), 1M4<br>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)<br>acc. to IEC 60947-4-2: Class A<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA<br>Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 |

| <ul> <li>— usable for St<br/>according to UL</li> </ul>   | tandard Faults at 575  | 5/600 V   | Siemens  | type: 3RV2742, m                          | iax. 60 A or 3VA51, r | nax. 60 A; Iq = 5 KA |
|---|--|---|--|---|-----------------------|----------------------|
| — usable for St   | -<br>tandard Faults at 575<br>cuit according to UL   | 5/600 V at  | Siemens  | type: 3RV2742, m                          | ax. 60 A or 3VA51, r  | nax. 60 A; Iq = 5 kA |
| of the fuse   |  |   |  |   |                       |                      |
|   | tandard Faults up to s   | 575/600 V   | Type: Cla  | ss RK5 / K5, max                          | . 70 A; Iq = 5 kA     |                      |
| 0   | igh Faults up to 575/6   | 600 V   | Type: Cla  | ss J / L, max. 70 /                       | A; lq = 100 kA        |                      |
| — usable for St   | -<br>tandard Faults at insi<br>5/600 V according to  |   | Type: Cla  | ss RK5 / K5, max                          | . 70 A; Iq = 5 kA     |                      |
|   | igh Faults at inside-de  |   | Type: Cla  | ss J / L, max. 70 /                       | A; Iq = 100 kA        |                      |
| operating power [hp] f  | -  |   |  |   |                       |                      |
| • at 200/208 V at 50  | -  |   | 3 hp   |   |                       |                      |
| <ul> <li>at 220/230 V at 50</li> <li>at 220/230 V at 50</li> </ul>  |  |   | 5 hp   |   |                       |                      |
| • at 460/480 V at 50  |  |   | 10 hp  |   |                       |                      |
|   |  |   |  |   |                       |                      |
| • at 575/600 V at 50  |  |   | 10 hp  |   |                       |                      |
| value   | iside-delta circuit at 5   |   | 7.5 hp   |   |                       |                      |
| <ul> <li>at 220/230 V at in value</li> </ul>  | iside-delta circuit at 5   | 50 °C rated   | 7.5 hp   |   |                       |                      |
| ● at 460/480 V at in value  | iside-delta circuit at 5   | 50 °C rated   | 20 hp  |   |                       |                      |
| ● at 575/600 V at in value  | iside-delta circuit at 5   | 50 °C rated   | 25 hp  |   |                       |                      |
| contact rating of auxil   | iary contacts accor  | ding to UL  | R300-B30   | 00  |                       |                      |
| afety related data  |  |   |  |   |                       |                      |
| protection class IP on  | the front according  | to IEC  | IP20   |   |                       |                      |
|   | the none according   |   | 11 20  |   |                       |                      |
| 60529   |  |   | 11 20  |   |                       |                      |
| 60529<br>touch protection on th   | e front according to   |   |  | e, for vertical cont                      | act from the front    |                      |
| 60529   | e front according to   |   | finger-saf   | e, for vertical cont<br>ance with IEC 609 |                       |                      |
| 60529<br>touch protection on th   | e front according to   |   | finger-saf   |   |                       |                      |
| 60529<br>touch protection on th<br>electromagnetic comp   | ne front according to<br>patibility  |   | finger-saf   |   |                       | EMC                  |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals   | ne front according to<br>patibility  |   | finger-saf   |   |                       | EMC                  |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals   | ne front according to<br>patibility  |   | finger-saf<br>in accorda                               |   |                       | EMC                  |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals   | ne front according to<br>patibility  | o IEC 60529   | finger-saf<br>in accorda                               |   |                       | ЕМС                  |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr   | roval  | o IEC 60529   | finger-saf<br>in accorda                               | ance with IEC 609                         |                       | Ô                    |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals   | ne front according to<br>patibility  | o IEC 60529   | finger-saf<br>in accorda                               |   |                       | EMC<br>EMC<br>RCM    |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr   | roval  | o IEC 60529   | finger-saf<br>in accorda                               | ance with IEC 609                         |                       | Ô                    |
| 60529<br>touch protection on th<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr   | roval  | o IEC 60529   | finger-saf<br>in accorda                               | ance with IEC 609                         |                       | Ô                    |
| 50529<br>touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>ECSA  | roval  | o IEC 60529<br>Confirmatio  | finger-saf<br>in accorda                               | ance with IEC 609                         |                       | Ô                    |
| 50529<br>touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>ECSA  | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | Ô                    |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval  | o IEC 60529<br>Confirmatio  | finger-saf<br>in accords                               | ance with IEC 609                         |                       | Ô                    |
| 50529<br>touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>ECSA  | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | Ô                    |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA<br>Declaration of Confor   | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA<br>Declaration of Confor   | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA<br>Declaration of Confor   | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA  | roval<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval<br>CCC<br>Troining to<br>patibility<br>roval  | o IEC 60529<br>Confirmation   | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>Constraints<br>Declaration of Confor<br>UKA<br>Marine / Shipping                     | roval<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCC<br>CCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCCC<br>Trinity<br>CCCC<br>Trinity<br>CCCCC<br>Trinity<br>CCCCC<br>Trinity<br>CCCCC<br>Trinity<br>CCCCCC<br>Trinity<br>CCCCCCC<br>Trinity<br>CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC  | o IEC 60529<br>Confirmation<br>Test Certifica<br>Type Test Certifica<br>ates/Test Rest<br>other<br>Confirmation | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| touch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>CSA<br>Declaration of Confor<br>UKC<br>Marine / Shipping                             | roval<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>CCC<br>Termity<br>CCC<br>CCC<br>CCC<br>CCC<br>CCC<br>CCC<br>CCC<br>C  | o IEC 60529<br>Confirmation<br>Test Certifica<br>Type Test Certifica<br>ates/Test Rest<br>other<br>Confirmation | finger-saf<br>in accords                               | ance with IEC 609                         |                       | RGM                  |
| auch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>Constraints<br>Declaration of Confor<br>UCC<br>Marine / Shipping<br>Marine / Shipping | roval<br>Te front according to<br>patibility<br>roval<br>CCC<br>Trinity<br>CCC<br>EG-Konf.<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>Trinity<br>CCC<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trini | o IEC 60529<br>Confirmation<br>Test Certifica<br>Type Test Certifica<br>ates/Test Re<br>other<br>Confirmation   | in accords<br>in accords<br>ates Ma<br>rtific-<br>port | arine / Shipping                          |                       | RGM                  |
| auch protection on the<br>electromagnetic comp<br>ertificates/ approvals<br>General Product Appr<br>Constraints<br>Declaration of Confor<br>UK<br>Marine / Shipping<br>Marine / Shipping  | roval<br>Te front according to<br>patibility<br>roval<br>CCC<br>Trinity<br>CCC<br>EG-Konf.<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>CCC<br>Trinity<br>Trinity<br>CCC<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trinity<br>Trini | o IEC 60529<br>Confirmation<br>Test Certifica<br>Type Test Certifica<br>ates/Test Re<br>other<br>Confirmation   | in accords<br>in accords<br>ates Ma<br>rtific-<br>port | arine / Shipping                          |                       | RGM                  |

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5214-3AC05

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-3AC05

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5214-3AC05&lang=en

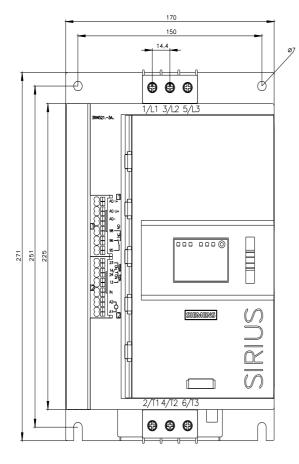
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

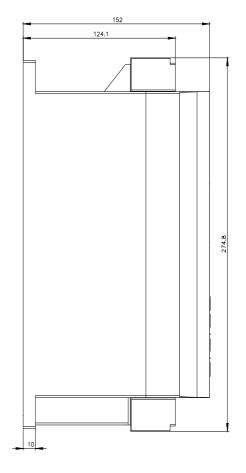
https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-3AC05/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5214-3AC05&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

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





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