

Siemens  
EcoTech



power contactor, AC-3e/AC-3 400 A, 200 kW / 400 V AC (50-60 Hz) / DC U<sub>c</sub>: 380-420 V 3-pole, auxiliary contacts 2 NO + 2 NC drive: conventional main circuit: busbar control and auxiliary circuit: screw terminal



|  |                            |
|--|----------------------------|
| product brand name   | SIRIUS                     |
| product designation  | Power contactor            |
| product type designation   | 3RT1                       |
| <b>General technical data</b>  |                            |
| size of contactor  | S12                        |
| product extension  |                            |
| • function module for communication  | No                         |
| • auxiliary switch   | Yes                        |
| power loss [W] for rated value of the current  |                            |
| • at AC in hot operating state   | 105 W                      |
| • at AC in hot operating state per pole  | 35 W                       |
| • without load current share typical   | 10 W                       |
| type of calculation of power loss depending on pole  | quadratic                  |
| insulation voltage   |                            |
| • of main circuit with degree of pollution 3 rated value   | 1 000 V                    |
| • of auxiliary circuit with degree of pollution 3 rated value  | 500 V                      |
| surge voltage resistance   |                            |
| • of main circuit rated value  | 8 kV                       |
| • of auxiliary circuit rated value   | 6 kV                       |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 | 690 V                      |
| shock resistance at rectangular impulse  |                            |
| • at AC  | 8,5g / 5 ms, 4,2g / 10 ms  |
| • at DC  | 8,5g / 5 ms, 4,2g / 10 ms  |
| shock resistance with sine pulse   |                            |
| • at AC  | 13,4g / 5 ms, 6,5g / 10 ms |
| • at DC  | 13,4g / 5 ms, 6,5g / 10 ms |
| mechanical service life (operating cycles)   |                            |
| • of contactor typical   | 10 000 000                 |
| • of the contactor with added electronically optimized auxiliary switch block typical                        | 5 000 000                  |
| • of the contactor with added auxiliary switch block typical   | 10 000 000                 |
| reference code according to IEC 81346-2  | Q                          |
| Substance Prohibitance (Date)  | 05/01/2012                 |
| SVHC substance name  | Lead - 7439-92-1           |
| Weight   | 10.25 kg                   |
| <b>Ambient conditions</b>  |                            |
| installation altitude at height above sea level maximum  | 2 000 m                    |

|  |                     |
|--|---------------------|
| <b>ambient temperature</b>   |                     |
| • during operation   | -25 ... +60 °C      |
| • during storage   | -55 ... +80 °C      |
| <b>relative humidity minimum</b>                                       | 10 %                |
| <b>relative humidity at 55 °C according to IEC 60068-2-30 maximum</b>  | 95 %                |
| <b>Environmental footprint</b>   |                     |
| Environmental Product Declaration (EPD)                                | Yes                 |
| global warming potential [CO2 eq] total                                | 769 kg              |
| global warming potential [CO2 eq] during manufacturing                 | 55.8 kg             |
| global warming potential [CO2 eq] during sales                         | 2.54 kg             |
| global warming potential [CO2 eq] during operation                     | 718 kg              |
| global warming potential [CO2 eq] after end of life                    | -7.03 kg            |
| Siemens Eco Profile (SEP)  | Siemens EcoTech     |
| <b>Main circuit</b>  |                     |
| <b>number of poles for main current circuit</b>                        | 3                   |
| <b>number of NO contacts for main contacts</b>                         | 3                   |
| <b>number of NC contacts for main contacts</b>                         | 0                   |
| <b>operating voltage</b>   |                     |
| • at AC-3 rated value maximum  | 1 000 V             |
| • at AC-3e rated value maximum   | 1 000 V             |
| <b>operational current</b>   |                     |
| • at AC-1 at 400 V at ambient temperature 40 °C rated value            | 430 A               |
| • at AC-1  |                     |
| — up to 690 V at ambient temperature 40 °C rated value                 | 430 A               |
| — up to 690 V at ambient temperature 60 °C rated value                 | 400 A               |
| — up to 1000 V at ambient temperature 40 °C rated value                | 200 A               |
| — up to 1000 V at ambient temperature 60 °C rated value                | 200 A               |
| • at AC-3  |                     |
| — at 400 V rated value   | 400 A               |
| — at 500 V rated value   | 400 A               |
| — at 690 V rated value   | 400 A               |
| — at 1000 V rated value  | 180 A               |
| • at AC-3e   |                     |
| — at 400 V rated value   | 400 A               |
| — at 500 V rated value   | 400 A               |
| — at 690 V rated value   | 400 A               |
| — at 1000 V rated value  | 180 A               |
| • at AC-4 at 400 V rated value   | 350 A               |
| • at AC-5a up to 690 V rated value                                     | 378 A               |
| • at AC-5b up to 400 V rated value                                     | 332 A               |
| • at AC-6a   |                     |
| — up to 230 V for current peak value n=20 rated value                  | 395 A               |
| — up to 400 V for current peak value n=20 rated value                  | 395 A               |
| — up to 500 V for current peak value n=20 rated value                  | 395 A               |
| — up to 690 V for current peak value n=20 rated value                  | 395 A               |
| — up to 1000 V for current peak value n=20 rated value                 | 180 A               |
| • at AC-6a   |                     |
| — up to 230 V for current peak value n=30 rated value                  | 264 A               |
| — up to 400 V for current peak value n=30 rated value                  | 264 A               |
| — up to 500 V for current peak value n=30 rated value                  | 264 A               |
| — up to 690 V for current peak value n=30 rated value                  | 264 A               |
| — up to 1000 V for current peak value n=30 rated value                 | 180 A               |
| minimum cross-section in main circuit at maximum AC-1 rated value      | 300 mm <sup>2</sup> |
| <b>operational current for approx. 200000 operating cycles at AC-4</b> |                     |

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>● at 400 V rated value</li> <li>● at 690 V rated value</li> </ul>   | 150 A<br>135 A  |
| <b>operational current</b>   |   |
| <ul style="list-style-type: none"> <li>● <b>at 1 current path at DC-1</b> <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> </ul> </li> <li>● <b>with 2 current paths in series at DC-1</b> <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> </ul> </li> <li>● <b>with 3 current paths in series at DC-1</b> <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> </ul> </li> <li>● <b>at 1 current path at DC-3 at DC-5</b> <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> </ul> </li> <li>● <b>with 2 current paths in series at DC-3 at DC-5</b> <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> </ul> </li> <li>● <b>with 3 current paths in series at DC-3 at DC-5</b> <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> </ul> </li> </ul> | 400 A<br>330 A<br>33 A<br>3.8 A<br>0.9 A<br>0.6 A<br>400 A<br>400 A<br>400 A<br>400 A<br>4 A<br>2 A<br>400 A<br>400 A<br>400 A<br>400 A<br>11 A<br>5.2 A<br>400 A<br>11 A<br>0.6 A<br>0.18 A<br>0.125 A<br>400 A<br>400 A<br>400 A<br>400 A<br>2.5 A<br>0.65 A<br>0.37 A<br>400 A<br>400 A<br>400 A<br>400 A<br>1.4 A<br>0.75 A |
| <b>operating power</b>   |   |
| <ul style="list-style-type: none"> <li>● at AC-3               <ul style="list-style-type: none"> <li>— at 230 V rated value</li> <li>— at 400 V rated value</li> <li>— at 500 V rated value</li> <li>— at 690 V rated value</li> <li>— at 1000 V rated value</li> </ul> </li> <li>● at AC-3e               <ul style="list-style-type: none"> <li>— at 230 V rated value</li> <li>— at 400 V rated value</li> <li>— at 500 V rated value</li> <li>— at 690 V rated value</li> <li>— at 1000 V rated value</li> </ul> </li> </ul>  | 132 kW<br>200 kW<br>250 kW<br>400 kW<br>250 kW<br>132 kW<br>200 kW<br>250 kW<br>400 kW<br>250 kW  |
| <b>operating power for approx. 200000 operating cycles at AC-4</b>   |   |
| <ul style="list-style-type: none"> <li>● at 400 V rated value</li> <li>● at 690 V rated value</li> </ul>   | 85 kW<br>133 kW   |

|  |   |
|--|---|
| <b>operating apparent power at AC-6a</b>   |   |
| <ul style="list-style-type: none"> <li>• up to 230 V for current peak value n=20 rated value</li> <li>• up to 400 V for current peak value n=20 rated value</li> <li>• up to 500 V for current peak value n=20 rated value</li> <li>• up to 690 V for current peak value n=20 rated value</li> <li>• up to 1000 V for current peak value n=20 rated value</li> </ul> | 150 kVA<br>270 kVA<br>340 kVA<br>470 kVA<br>310 kVA   |
| <b>operating apparent power at AC-6a</b>   |   |
| <ul style="list-style-type: none"> <li>• up to 230 V for current peak value n=30 rated value</li> <li>• up to 400 V for current peak value n=30 rated value</li> <li>• up to 500 V for current peak value n=30 rated value</li> <li>• up to 690 V for current peak value n=30 rated value</li> <li>• up to 1000 V for current peak value n=30 rated value</li> </ul> | 100 kVA<br>180 kVA<br>220 kVA<br>310 kVA<br>310 kVA   |
| <b>short-time withstand current in cold operating state up to 40 °C</b>  |   |
| <ul style="list-style-type: none"> <li>• limited to 1 s switching at zero current maximum</li> <li>• limited to 5 s switching at zero current maximum</li> <li>• limited to 10 s switching at zero current maximum</li> <li>• limited to 30 s switching at zero current maximum</li> <li>• limited to 60 s switching at zero current maximum</li> </ul>              | 6 600 A; Use minimum cross-section acc. to AC-1 rated value<br>5 761 A; Use minimum cross-section acc. to AC-1 rated value<br>4 143 A; Use minimum cross-section acc. to AC-1 rated value<br>2 635 A; Use minimum cross-section acc. to AC-1 rated value<br>2 088 A; Use minimum cross-section acc. to AC-1 rated value |
| <b>no-load switching frequency</b>   |   |
| <ul style="list-style-type: none"> <li>• at AC</li> <li>• at DC</li> </ul>   | 2 000 1/h<br>2 000 1/h  |
| <b>operating frequency</b>   |   |
| <ul style="list-style-type: none"> <li>• at AC-1 maximum</li> <li>• at AC-2 maximum</li> <li>• at AC-3 maximum</li> <li>• at AC-3e               <ul style="list-style-type: none"> <li>— maximum</li> </ul> </li> <li>• at AC-4 maximum</li> </ul>  | 700 1/h<br>200 1/h<br>500 1/h<br>500 1/h<br>130 1/h   |
| <b>Control circuit/ Control</b>  |   |
| <b>type of voltage of the control supply voltage</b>   | AC/DC   |
| <b>control supply voltage at AC</b>  |   |
| <ul style="list-style-type: none"> <li>• at 50 Hz rated value</li> <li>• at 60 Hz rated value</li> </ul>   | 380 ... 420 V<br>380 ... 420 V  |
| <b>control supply voltage at DC rated value</b>  | 380 ... 420 V   |
| <b>operating range factor control supply voltage rated value of magnet coil at DC</b>  |   |
| <ul style="list-style-type: none"> <li>• initial value</li> <li>• full-scale value</li> </ul>  | 0.8<br>1.1  |
| <b>operating range factor control supply voltage rated value of magnet coil at AC</b>  |   |
| <ul style="list-style-type: none"> <li>• at 50 Hz</li> <li>• at 60 Hz</li> </ul>   | 0.8 ... 1.1<br>0.8 ... 1.1  |
| <b>design of the surge suppressor</b>  | with varistor   |
| <b>apparent pick-up power</b>  |   |
| <ul style="list-style-type: none"> <li>• at minimum rated control supply voltage at AC               <ul style="list-style-type: none"> <li>— at 50 Hz</li> <li>— at 60 Hz</li> </ul> </li> <li>• at maximum rated control supply voltage at AC               <ul style="list-style-type: none"> <li>— at 60 Hz</li> <li>— at 50 Hz</li> </ul> </li> </ul>           | 700 VA<br>700 VA<br>830 VA<br>830 VA  |
| <b>apparent pick-up power of magnet coil at AC</b>   |   |
| <ul style="list-style-type: none"> <li>• at 50 Hz</li> <li>• at 60 Hz</li> </ul>   | 830 VA<br>830 VA  |
| <b>inductive power factor with closing power of the coil</b>   |   |
| <ul style="list-style-type: none"> <li>• at 50 Hz</li> <li>• at 60 Hz</li> </ul>   | 0.9<br>0.9  |
| <b>apparent holding power</b>  |   |
| <ul style="list-style-type: none"> <li>• at minimum rated control supply voltage at DC</li> <li>• at maximum rated control supply voltage at DC</li> </ul>   | 8.5 VA<br>10 VA   |
| <b>apparent holding power</b>  |   |
| <ul style="list-style-type: none"> <li>• at minimum rated control supply voltage at AC</li> </ul>  |   |

|   |   |
|---|---|
| — at 50 Hz  | 7.6 VA  |
| — at 60 Hz  | 7.6 VA  |
| <b>• at maximum rated control supply voltage at AC</b>  |   |
| — at 50 Hz  | 9.2 VA  |
| — at 60 Hz  | 9.2 VA  |
| <b>inductive power factor with the holding power of the coil</b>  |   |
| • at 50 Hz  | 0.9   |
| • at 60 Hz  | 0.9   |
| <b>closing power of magnet coil at DC</b>   | 920 W   |
| <b>holding power of magnet coil at DC</b>   | 10 W  |
| <b>closing delay</b>  |   |
| • at AC   | 45 ... 100 ms                                   |
| • at DC   | 45 ... 100 ms                                   |
| <b>opening delay</b>  |   |
| • at AC   | 60 ... 100 ms                                   |
| • at DC   | 60 ... 100 ms                                   |
| <b>arcing time</b>  | 10 ... 15 ms                                    |
| <b>control version of the switch operating mechanism</b>  | Standard A1 - A2                                |
| <b>Auxiliary circuit</b>  |   |
| number of NC contacts for auxiliary contacts instantaneous contact  | 2   |
| number of NO contacts for auxiliary contacts instantaneous contact  | 2   |
| operational current at AC-12 maximum  | 10 A  |
| <b>operational current at AC-15</b>   |   |
| • at 230 V rated value  | 6 A   |
| • at 400 V rated value  | 3 A   |
| • at 500 V rated value  | 2 A   |
| • at 690 V rated value  | 1 A   |
| <b>operational current at DC-12</b>   |   |
| • at 24 V rated value   | 10 A  |
| • at 48 V rated value   | 6 A   |
| • at 60 V rated value   | 6 A   |
| • at 110 V rated value  | 3 A   |
| • at 125 V rated value  | 2 A   |
| • at 220 V rated value  | 1 A   |
| • at 600 V rated value  | 0.15 A  |
| <b>operational current at DC-13</b>   |   |
| • at 24 V rated value   | 10 A  |
| • at 48 V rated value   | 2 A   |
| • at 60 V rated value   | 2 A   |
| • at 110 V rated value  | 1 A   |
| • at 125 V rated value  | 0.9 A   |
| • at 220 V rated value  | 0.3 A   |
| • at 600 V rated value  | 0.1 A   |
| <b>contact reliability of auxiliary contacts</b>  | 1 faulty switching per 100 million (17 V, 1 mA) |
| <b>UL/CSA ratings</b>   |   |
| <b>full-load current (FLA) for 3-phase AC motor</b>   |   |
| • at 480 V rated value  | 361 A   |
| • at 600 V rated value  | 382 A   |
| <b>yielded mechanical performance [hp]</b>  |   |
| • for 3-phase AC motor  |   |
| — at 200/208 V rated value  | 125 hp  |
| — at 220/230 V rated value  | 150 hp  |
| — at 460/480 V rated value  | 300 hp  |
| — at 575/600 V rated value  | 400 hp  |
| <b>contact rating of auxiliary contacts according to UL</b>   | A600 / Q600                                     |
| <b>Short-circuit protection</b>   |   |
| design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V | C characteristic: 10 A; 0.4 kA                  |
| <b>design of the fuse link</b>  |   |

- for short-circuit protection of the main circuit
  - with type of coordination 1 required
  - with type of coordination 2 required
- for short-circuit protection of the auxiliary switch required

gG: 630 A (690 V, 100 kA)  
 gG: 500 A (690 V, 100 kA), aM: 400 A (690 V, 50 kA), BS88: 450 A (415 V, 50 kA)  
 gG: 10 A (500 V, 1 kA)

#### Installation/ mounting/ dimensions

|  |  |
|--|--|
| <b>mounting position</b>   | with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back |
| fastening method side-by-side mounting   | Yes  |
| <b>fastening method</b>  | screw fixing   |
| <b>height</b>  | 214 mm   |
| <b>width</b>   | 160 mm   |
| <b>depth</b>   | 225 mm   |
| <b>required spacing</b>  |  |
| <ul style="list-style-type: none"> <li>• with side-by-side mounting           <ul style="list-style-type: none"> <li>— forwards 20 mm</li> <li>— upwards 10 mm</li> <li>— downwards 10 mm</li> <li>— at the side 0 mm</li> </ul> </li> <li>• for grounded parts           <ul style="list-style-type: none"> <li>— forwards 20 mm</li> <li>— upwards 10 mm</li> <li>— at the side 10 mm</li> <li>— downwards 10 mm</li> </ul> </li> <li>• for live parts           <ul style="list-style-type: none"> <li>— forwards 20 mm</li> <li>— upwards 10 mm</li> <li>— downwards 10 mm</li> <li>— at the side 10 mm</li> </ul> </li> </ul> |  |

#### Connections/ Terminals

|   |  |
|---|--|
| <b>type of electrical connection</b>  |  |
| <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for auxiliary and control circuit</li> <li>• at contactor for auxiliary contacts</li> <li>• of magnet coil</li> </ul>  | Connection bar<br>screw-type terminals<br>Screw-type terminals<br>Screw-type terminals   |
| <b>width of connection bar</b>  | 25 mm  |
| <b>thickness of connection bar</b>  | 6 mm   |
| <b>diameter of holes</b>  | 11 mm  |
| <b>number of holes</b>  | 1  |
| <b>type of connectable conductor cross-sections</b>   |  |
| <ul style="list-style-type: none"> <li>• for AWG cables for main contacts</li> </ul>  | 2/0 ... 500 kcmil  |
| <b>connectable conductor cross-section for main contacts</b>  |  |
| <ul style="list-style-type: none"> <li>• stranded</li> </ul>  | 70 ... 240 mm <sup>2</sup>   |
| <b>connectable conductor cross-section for auxiliary contacts</b>   |  |
| <ul style="list-style-type: none"> <li>• solid or stranded</li> <li>• finely stranded with core end processing</li> </ul>   | 0.5 ... 4 mm <sup>2</sup><br>0.5 ... 2.5 mm <sup>2</sup>   |
| <b>type of connectable conductor cross-sections</b>   |  |
| <ul style="list-style-type: none"> <li>• for auxiliary contacts           <ul style="list-style-type: none"> <li>— solid</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> </ul> </li> <li>• for AWG cables for auxiliary contacts</li> </ul> | 2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ), max. 2x (0.75 ... 4 mm <sup>2</sup> )<br>2x (0,5 ... 1,5 mm <sup>2</sup> ), 2x (0,75 ... 2,5 mm <sup>2</sup> ), max. 2x (0,75 ... 4 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )<br>2x (20 ... 16), 2x (18 ... 14), 1x 12 |
| <b>AWG number as coded connectable conductor cross section for auxiliary contacts</b>   | 18 ... 14  |

#### Safety related data


|   |                  |
|---|------------------|
| <b>product function</b>   |                  |
| <ul style="list-style-type: none"> <li>• mirror contact according to IEC 60947-4-1</li> <li>• positively driven operation according to IEC 60947-5-1</li> <li>• suitable for safety function</li> </ul> | Yes<br>No<br>Yes |
| suitability for use safety-related switching OFF  | Yes              |
| <b>service life maximum</b>   | 20 a             |

|   |  |
|---|--|
| test wear-related service life necessary                      | Yes  |
| proportion of dangerous failures                              | 40 %<br>73 %   |
| • with low demand rate according to SN 31920                  | 40 %   |
| • with high demand rate according to SN 31920                 | 73 %   |
| B10 value with high demand rate according to SN 31920         | 1 000 000  |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT  |
| ISO 13849   |  |
| device type according to ISO 13849-1                          | 3  |
| overdimensioning according to ISO 13849-2 necessary           | Yes  |
| IEC 61508   |  |
| safety device type according to IEC 61508-2                   | Type A   |
| Electrical Safety   |  |
| protection class IP on the front according to IEC 60529       | IP00; IP20 with box terminal/cover                                       |
| touch protection on the front according to IEC 60529          | finger-safe, for vertical contact from the front with box terminal/cover |

#### Approvals Certificates

|   |   |   |
|---|---|---|
| General Product Approval  | EMV   | Functional Safety   |
|  |    |  |
|  |  | <a href="#">Type Examination Certificate</a>                                      |

#### Test Certificates

|                          |                                    |  |  |  |  |
|--------------------------|------------------------------------|--|--|--|--|
| Special Test Certificate | Type Test Certificates/Test Report |  |  |  |  |
| Maritime application     |                                    |  |  |  |  |

#### Maritime application

|   |                               |   |                              |                              |                               |
|---|-------------------------------|---|------------------------------|------------------------------|-------------------------------|
|  | <a href="#">Miscellaneous</a> |  | <a href="#">Confirmation</a> | <a href="#">Confirmation</a> | <a href="#">Miscellaneous</a> |
|---|-------------------------------|---|------------------------------|------------------------------|-------------------------------|

#### Railway

|                          |   |   |   |
|--------------------------|---|---|---|
| Special Test Certificate |  |  | <a href="#">Environmental Confirmations</a> |
| Environment              |   |   |   |

#### 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=3RT1075-6AV36>  
Cax online generator  
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1075-6AV36>  
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3RT1075-6AV36>  
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT1075-6AV36&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1075-6AV36&lang=en)  
Characteristic: Tripping characteristics, I<sub>t</sub>, Let-through current  
<https://support.industry.siemens.com/cs/ww/en/ps/3RT1075-6AV36/char>  
Further characteristics (e.g. electrical endurance, switching frequency)  
<https://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1075-6AV36&objectype=14&gridview=view1>

