



power contactor, AC-3e/AC-3, 38 A, 18.5 kW / 400 V, 3-pole, 21-28 V AC/DC, 50/60 Hz, with integrated varistor, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0

|  |  |
|--|--|
| <b>product brand name</b>  | SIRIUS   |
| <b>product designation</b>   | Power contactor  |
| <b>product type designation</b>  | 3RT2   |
| <b>General technical data</b>  |  |
| <b>size of contactor</b>   | S0   |
| <b>product extension</b>   |  |
| • function module for communication  | No   |
| • auxiliary switch   | Yes  |
| <b>power loss [W] for rated value of the current</b>   |  |
| • at AC in hot operating state   | 9.6 W  |
| • at AC in hot operating state per pole  | 3.2 W  |
| • without load current share typical   | 1.4 W  |
| <b>type of calculation of power loss current-dependent</b>   | quadratic  |
| <b>insulation voltage</b>  |  |
| • of main circuit with degree of pollution 3 rated value   | 690 V  |
| • of auxiliary circuit with degree of pollution 3 rated value  | 690 V  |
| <b>surge voltage resistance</b>  |  |
| • of main circuit rated value  | 6 kV   |
| • of auxiliary circuit rated value   | 6 kV   |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 | 400 V  |
| <b>shock resistance at rectangular impulse</b>   |  |
| • at AC  | 8,3 g / 5 ms, 5,3 g / 10 ms  |
| • at DC  | 10g / 5 ms, 7,5g / 10 ms   |
| <b>shock resistance with sine pulse</b>  |  |
| • at AC  | 13,5 g / 5 ms, 8,3 g / 10 ms   |
| • at DC  | 15 g / 5 ms, 10 g / 10 ms  |
| <b>mechanical service life (operating cycles)</b>  |  |
| • 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   |
| <b>reference code according to IEC 81346-2</b>   | Q  |
| <b>Substance Prohibitance (day/month/year)</b>   | 10/01/2009   |
| <b>SVHC substance name</b>   | Lead CAS-No. 7439-92-1<br>Lead monoxide (lead oxide) CAS-No. 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5<br>Melamine CAS-No. 108-78-1 |
| <b>Net Weight</b>  | 0.619 g  |
| <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>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  | 690 V              |
| • at AC-3e rated value maximum   | 690 V              |
| <b>operational current</b>   |                    |
| • at AC-1 at 400 V at ambient temperature 40 °C rated value            | 50 A               |
| • at AC-1  |                    |
| — up to 690 V at ambient temperature 40 °C rated value                 | 50 A               |
| — up to 690 V at ambient temperature 60 °C rated value                 | 42 A               |
| • at AC-3  |                    |
| — at 400 V rated value   | 38 A               |
| — at 500 V rated value   | 32 A               |
| — at 690 V rated value   | 21 A               |
| • at AC-3e   |                    |
| — at 400 V rated value   | 38 A               |
| — at 500 V rated value   | 32 A               |
| — at 690 V rated value   | 21 A               |
| • at AC-4 at 400 V rated value   | 22 A               |
| • at AC-5a up to 690 V rated value                                     | 44 A               |
| • at AC-5b up to 400 V rated value                                     | 31.5 A             |
| • at AC-6a   |                    |
| — up to 230 V for current peak value n=20 rated value                  | 30.8 A             |
| — up to 400 V for current peak value n=20 rated value                  | 30.8 A             |
| — up to 500 V for current peak value n=20 rated value                  | 30.8 A             |
| — up to 690 V for current peak value n=20 rated value                  | 21 A               |
| • at AC-6a   |                    |
| — up to 230 V for current peak value n=30 rated value                  | 20.5 A             |
| — up to 400 V for current peak value n=30 rated value                  | 20.5 A             |
| — up to 500 V for current peak value n=30 rated value                  | 21.4 A             |
| — up to 690 V for current peak value n=30 rated value                  | 21 A               |
| minimum cross-section in main circuit at maximum AC-1 rated value      | 10 mm <sup>2</sup> |
| <b>operational current for approx. 200000 operating cycles at AC-4</b> |                    |
| • at 400 V rated value   | 12 A               |
| • at 690 V rated value   | 12 A               |
| <b>operational current</b>   |                    |
| • <b>at 1 current path at DC-1</b>                                     |                    |
| — at 24 V rated value  | 35 A               |
| — at 60 V rated value  | 20 A               |
| — at 110 V rated value   | 4.5 A              |
| — at 220 V rated value   | 1 A                |
| — at 440 V rated value   | 0.4 A              |
| — at 600 V rated value   | 0.25 A             |
| • <b>with 2 current paths in series at DC-1</b>                        |                    |
| — at 24 V rated value  | 35 A               |
| — at 60 V rated value  | 35 A               |
| — at 110 V rated value   | 35 A               |

|   |          |
|---|----------|
| — at 220 V rated value  | 5 A      |
| — at 440 V rated value  | 1 A      |
| — at 600 V rated value  | 0.8 A    |
| <b>• with 3 current paths in series at DC-1</b>                         |          |
| — at 24 V rated value   | 35 A     |
| — at 60 V rated value   | 35 A     |
| — at 110 V rated value  | 35 A     |
| — at 220 V rated value  | 35 A     |
| — at 440 V rated value  | 2.9 A    |
| — at 600 V rated value  | 1.4 A    |
| <b>• at 1 current path at DC-3 at DC-5</b>                              |          |
| — at 24 V rated value   | 20 A     |
| — at 60 V rated value   | 5 A      |
| — at 110 V rated value  | 2.5 A    |
| — at 220 V rated value  | 1 A      |
| — at 440 V rated value  | 0.09 A   |
| — at 600 V rated value  | 0.06 A   |
| <b>• with 2 current paths in series at DC-3 at DC-5</b>                 |          |
| — at 24 V rated value   | 35 A     |
| — at 60 V rated value   | 35 A     |
| — at 110 V rated value  | 15 A     |
| — at 220 V rated value  | 3 A      |
| — at 440 V rated value  | 0.27 A   |
| — at 600 V rated value  | 0.16 A   |
| <b>• with 3 current paths in series at DC-3 at DC-5</b>                 |          |
| — at 24 V rated value   | 35 A     |
| — at 60 V rated value   | 35 A     |
| — at 110 V rated value  | 35 A     |
| — at 220 V rated value  | 10 A     |
| — at 440 V rated value  | 0.6 A    |
| — at 600 V rated value  | 0.6 A    |
| <b>operating power</b>  |          |
| • at AC-2 at 400 V rated value  | 18.5 kW  |
| • at AC-3   |          |
| — at 230 V rated value  | 11 kW    |
| — at 400 V rated value  | 18.5 kW  |
| — at 500 V rated value  | 18.5 kW  |
| — at 690 V rated value  | 18.5 kW  |
| • at AC-3e  |          |
| — at 230 V rated value  | 11 kW    |
| — at 400 V rated value  | 18.5 kW  |
| — at 500 V rated value  | 18.5 kW  |
| — at 690 V rated value  | 18.5 kW  |
| <b>operating power for approx. 200000 operating cycles at AC-4</b>      |          |
| • at 400 V rated value  | 6 kW     |
| • at 690 V rated value  | 10.3 kW  |
| <b>operating apparent power at AC-6a</b>                                |          |
| • up to 230 V for current peak value n=20 rated value                   | 12.2 kVA |
| • up to 400 V for current peak value n=20 rated value                   | 21.3 kVA |
| • up to 500 V for current peak value n=20 rated value                   | 26.6 kVA |
| • up to 690 V for current peak value n=20 rated value                   | 25 kVA   |
| <b>operating apparent power at AC-6a</b>                                |          |
| • up to 230 V for current peak value n=30 rated value                   | 8.1 kVA  |
| • up to 400 V for current peak value n=30 rated value                   | 14.2 kVA |
| • up to 500 V for current peak value n=30 rated value                   | 18.5 kVA |
| • up to 690 V for current peak value n=30 rated value                   | 25 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>    | 593 A; Use minimum cross-section acc. to AC-1 rated value<br>341 A; Use minimum cross-section acc. to AC-1 rated value<br>260 A; Use minimum cross-section acc. to AC-1 rated value<br>199 A; Use minimum cross-section acc. to AC-1 rated value<br>162 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>   | 1 500 1/h<br>1 500 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>  | 1 000 1/h<br>750 1/h<br>750 1/h<br>750 1/h<br>250 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>   | 21 ... 28 V<br>21 ... 28 V  |
| <b>control supply voltage at DC rated value</b>  | 21 ... 28 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>  | 0.7<br>1.3  |
| <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>   | 0.7 ... 1.3<br>0.7 ... 1.3  |
| <b>design of the surge suppressor</b>  | with varistor   |
| <b>inrush current peak</b>   | 3 A   |
| <b>duration of inrush current peak</b>   | 30 µs   |
| <b>pickup current mean value</b>   | 0.3 A   |
| <b>pickup current peak</b>   | 0.52 A  |
| <b>duration of pickup current</b>  | 180 ms  |
| <b>holding current mean value</b>  | 45 mA   |
| <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>   | 6.6 VA<br>6.7 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>   | 0.98<br>0.98  |
| <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>   | 1.4 VA<br>1.4 VA  |
| <b>apparent holding 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 50 Hz</li> <li>— at 60 Hz</li> </ul> </li> </ul> | 1.9 VA<br>2 VA<br>1.9 VA<br>2 VA  |
| <b>apparent holding power of magnet coil at AC</b>   |   |
| <ul style="list-style-type: none"> <li>• at 50 Hz</li> <li>• at 60 Hz</li> </ul>   | 1.9 VA<br>2 VA  |
| <b>inductive power factor with the holding power of the coil</b>   |   |
| <ul style="list-style-type: none"> <li>• at 50 Hz</li> <li>• at 60 Hz</li> </ul>   | 0.86<br>0.82  |
| <b>closing power of magnet coil at DC</b>  | 5.9 W   |

|   |   |
|---|---|
| <b>holding power of magnet coil at DC</b>   | 1.4 W   |
| <b>closing delay</b>  |   |
| • at AC   | 50 ... 80 ms  |
| • at DC   | 50 ... 80 ms  |
| <b>opening delay</b>  |   |
| • at AC   | 30 ... 50 ms  |
| • at DC   | 30 ... 50 ms  |
| <b>arcing time</b>  | 10 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  | 1   |
| number of NO contacts for auxiliary contacts instantaneous contact  | 1   |
| operational current at AC-12 maximum  | 10 A  |
| <b>operational current at AC-15</b>   |   |
| • at 230 V rated value  | 10 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  | 34 A  |
| • at 600 V rated value  | 27 A  |
| <b>yielded mechanical performance [hp]</b>  |   |
| • for single-phase AC motor   |   |
| — at 110/120 V rated value  | 3 hp  |
| — at 230 V rated value  | 5 hp  |
| • for 3-phase AC motor  |   |
| — at 200/208 V rated value  | 10 hp   |
| — at 220/230 V rated value  | 10 hp   |
| — at 460/480 V rated value  | 25 hp   |
| — at 575/600 V rated value  | 25 hp   |
| <b>contact rating of auxiliary contacts according to UL</b>   | A600 / P600   |
| <b>UL File Number (CCN)</b>   | E31519 (NLDX, NLDX7)  |
| <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  | gG: 125 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA) |
| — with type of coordination 2 required  | gG: 50 A (690 V, 100 kA), aM: 25 A (690 V, 100 kA), BS88: 50 A (415 V, 80 kA)   |

- for short-circuit protection of the auxiliary switch required

gG: 10 A (500 V, 1 kA)

### Installation/ mounting/ dimensions

|   |  |
|---|--|
| <b>mounting position</b>  | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |
| fastening method side-by-side mounting  | Yes  |
| <b>fastening method</b>   | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715   |
| <b>height</b>   | 102 mm   |
| <b>width</b>  | 45 mm  |
| <b>depth</b>  | 107 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</li> <li>— upwards</li> <li>— downwards</li> <li>— at the side</li> </ul> </li> <li>• for grounded parts <ul style="list-style-type: none"> <li>— forwards</li> <li>— upwards</li> <li>— at the side</li> <li>— downwards</li> </ul> </li> <li>• for live parts <ul style="list-style-type: none"> <li>— forwards</li> <li>— upwards</li> <li>— downwards</li> <li>— at the side</li> </ul> </li> </ul> | 10 mm<br>10 mm<br>10 mm<br>0 mm<br><br>10 mm<br>10 mm<br>6 mm<br>10 mm<br><br>10 mm<br>10 mm<br>10 mm<br>6 mm                        |

### 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>   | spring-loaded terminals<br>spring-loaded terminals<br>Spring-type terminals<br>Spring-type terminals  |
| <b>type of connectable conductor cross-sections</b>  |   |
| <ul style="list-style-type: none"> <li>• for main contacts <ul style="list-style-type: none"> <li>— solid</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>— finely stranded without core end processing</li> </ul> </li> <li>• for AWG cables for main contacts</li> </ul> | 2x (1 ... 10 mm <sup>2</sup> )<br>2x (1 ... 10 mm <sup>2</sup> )<br>2x (1 ... 6 mm <sup>2</sup> )<br>2x (1 ... 6 mm <sup>2</sup> )<br>2x (18 ... 8) |
| <b>connectable conductor cross-section for main contacts</b>   |   |
| <ul style="list-style-type: none"> <li>• solid</li> <li>• stranded</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> </ul>   | 1 ... 10 mm <sup>2</sup><br>1 ... 10 mm <sup>2</sup><br>1 ... 6 mm <sup>2</sup><br>1 ... 6 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> <li>• finely stranded without core end processing</li> </ul>   | 0.5 ... 2.5 mm <sup>2</sup><br>0.5 ... 1.5 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 or stranded</li> <li>— finely stranded with core end processing</li> <li>— finely stranded without core end processing</li> </ul> </li> <li>• for AWG cables for auxiliary contacts</li> </ul>        | 2x (0.5 ... 2.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 2.5 mm <sup>2</sup> )<br>2x (20 ... 14)                       |
| <b>AWG number as coded connectable conductor cross section for main contacts</b>   | 18 ... 8  |
| <b>AWG number as coded connectable conductor cross section for auxiliary contacts</b>  | 20 ... 14   |

### Safety related data

|   |     |
|---|-----|
| <b>product function</b>   |     |
| <ul style="list-style-type: none"> <li>• mirror contact according to IEC 60947-4-1</li> </ul> | Yes |

|  |           |
|--|-----------|
| • positively driven operation according to IEC 60947-5-1             | No        |
| • suitable for safety function                                       | Yes       |
| suitability for use safety-related switching OFF                     | Yes       |
| <b>service life maximum</b>  | 20 a      |
| <b>test wear-related service life necessary</b>                      | Yes       |
| <b>proportion of dangerous failures</b>                              |           |
| • with low demand rate according to SN 31920                         | 40 %      |
| • with high demand rate according to SN 31920                        | 73 %      |
| <b>B10 value with high demand rate according to SN 31920</b>         | 1 000 000 |
| <b>failure rate [FIT] with low demand rate according to SN 31920</b> | 100 FIT   |

|  |     |
|--|-----|
| <b>ISO 13849</b>   |     |
| <b>device type according to ISO 13849-1</b>                | 3   |
| <b>overdimensioning according to ISO 13849-2 necessary</b> | Yes |

|  |        |
|--|--------|
| <b>IEC 61508</b>                                   |        |
| <b>safety device type according to IEC 61508-2</b> | Type A |

|  |  |
|--|--|
| <b>Electrical Safety</b>                                       |  |
| <b>protection class IP on the front according to IEC 60529</b> | IP20   |
| <b>touch protection on the front according to IEC 60529</b>    | finger-safe, for vertical contact from the front |

**Approvals Certificates**

|  |           |
|--|-----------|
| <b>Environmental Product Declaration</b>                   |           |
| • global warming potential [CO2 eq] / during manufacturing | 3.7 kg    |
| • global warming potential [CO2 eq] / during operation     | 56.6 kg   |
| • global warming potential [CO2 eq] / after end of life    | -0.626 kg |
| • global warming potential [CO2 eq] / total                | 59.7 kg   |

|                    |                                 |
|--------------------|---------------------------------|
| <b>Environment</b> | <b>General Product Approval</b> |
|--------------------|---------------------------------|

[Environmental Con-  
firmations](#)



|                                 |            |                          |
|---------------------------------|------------|--------------------------|
| <b>General Product Approval</b> | <b>EMV</b> | <b>Test Certificates</b> |
|---------------------------------|------------|--------------------------|



EG-Konf.



[Miscellaneous](#)

|                          |                             |
|--------------------------|-----------------------------|
| <b>Test Certificates</b> | <b>Maritime application</b> |
|--------------------------|-----------------------------|

[Special Test Certific-  
ate](#)

[Type Test Certific-  
ates/Test Report](#)



ABS



BUREAU  
VERITAS



DNV



LRS

|                             |              |
|-----------------------------|--------------|
| <b>Maritime application</b> | <b>other</b> |
|-----------------------------|--------------|



RINA



RMRS

[Miscellaneous](#)

[Confirmation](#)

[Confirmation](#)



|              |                |                        |
|--------------|----------------|------------------------|
| <b>other</b> | <b>Railway</b> | <b>Dangerous goods</b> |
|--------------|----------------|------------------------|

[Miscellaneous](#)

[Special Test Certific-  
ate](#)

[Transport Information](#)

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=3RT2028-2NB30>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-2NB30>

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

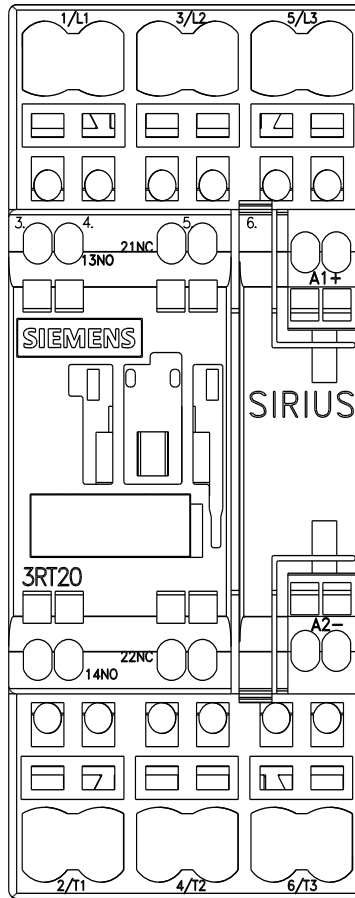
[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2028-2NB30&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2028-2NB30&lang=en)

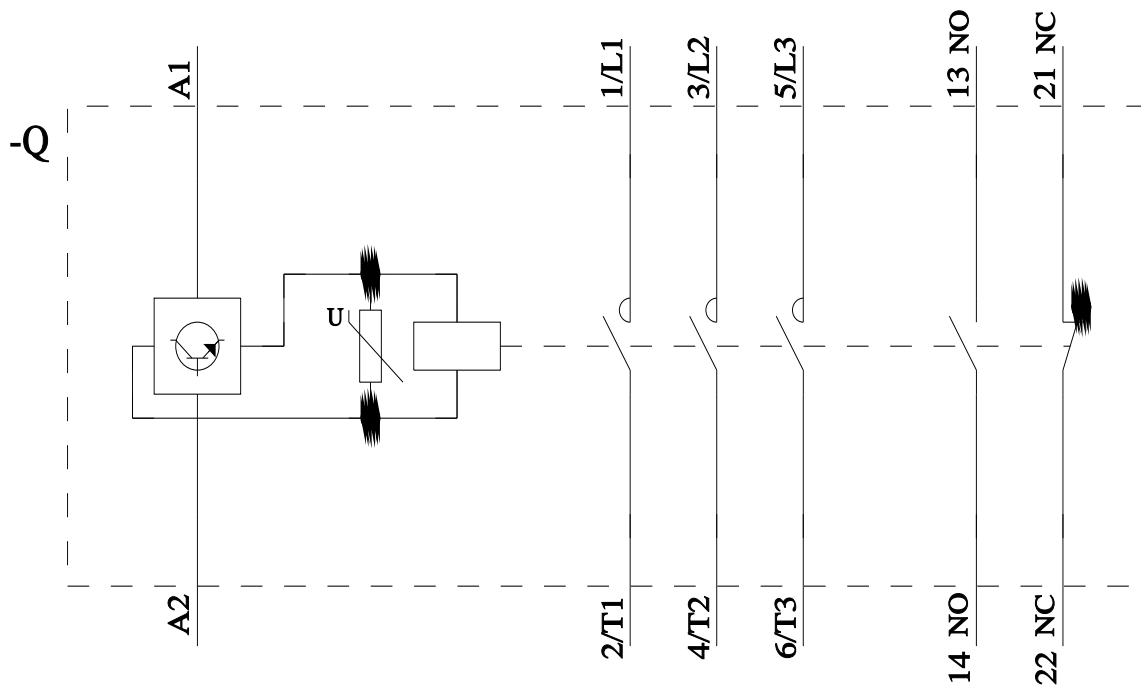
Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2028-2NB30>

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)





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