



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 48 V DC, auxiliary contacts: 1 NO, spring-loaded terminal, size: S00

|                                                                                                              |                              |
|--------------------------------------------------------------------------------------------------------------|------------------------------|
| product brand name                                                                                           | SIRIUS                       |
| product designation                                                                                          | Power contactor              |
| product type designation                                                                                     | 3RT2                         |
| <b>General technical data</b>                                                                                |                              |
| size of contactor                                                                                            | S00                          |
| 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                                                                               | 0.9 W                        |
| • at AC in hot operating state per pole                                                                      | 0.3 W                        |
| • without load current share typical                                                                         | 4 W                          |
| type of calculation of power loss current-dependent                                                          | quadratic                    |
| insulation voltage                                                                                           |                              |
| • of main circuit with degree of pollution 3 rated value                                                     | 690 V                        |
| • of auxiliary circuit with degree of pollution 3 rated value                                                | 690 V                        |
| surge voltage resistance                                                                                     |                              |
| • 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                        |
| shock resistance at rectangular impulse                                                                      |                              |
| • at DC                                                                                                      | 6,7 g / 5 ms, 4,2 g / 10 ms  |
| shock resistance with sine pulse                                                                             |                              |
| • at DC                                                                                                      | 10,5 g / 5 ms, 6,6 g / 10 ms |
| mechanical service life (operating cycles)                                                                   |                              |
| • of contactor typical                                                                                       | 30 000 000                   |
| • 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 (day/month/year)                                                                      | 10/01/2009                   |
| Net Weight                                                                                                   | 0.307 g                      |
| <b>Ambient conditions</b>                                                                                    |                              |
| installation altitude at height above sea level maximum                                                      | 2 000 m                      |
| ambient temperature                                                                                          |                              |
| • during operation                                                                                           | -25 ... +60 °C               |
| • during storage                                                                                             | -55 ... +80 °C               |
| relative humidity minimum                                                                                    | 10 %                         |
| relative humidity at 55 °C according to IEC 60068-2-30                                                       | 95 %                         |

|                                                                   |                   |
|-------------------------------------------------------------------|-------------------|
| maximum                                                           |                   |
| <b>Main circuit</b>                                               |                   |
| number of poles for main current circuit                          | 3                 |
| number of NO contacts for main contacts                           | 3                 |
| number of NC contacts for main contacts                           | 0                 |
| operating voltage                                                 |                   |
| • at AC-3 rated value maximum                                     | 690 V             |
| • at AC-3e rated value maximum                                    | 690 V             |
| operational current                                               |                   |
| • at AC-1 at 400 V at ambient temperature 40 °C rated value       | 22 A              |
| • at AC-1                                                         |                   |
| — up to 690 V at ambient temperature 40 °C rated value            | 22 A              |
| — up to 690 V at ambient temperature 60 °C rated value            | 20 A              |
| • at AC-3                                                         |                   |
| — at 400 V rated value                                            | 9 A               |
| — at 500 V rated value                                            | 7.7 A             |
| — at 690 V rated value                                            | 6.7 A             |
| • at AC-3e                                                        |                   |
| — at 400 V rated value                                            | 9 A               |
| — at 500 V rated value                                            | 7.7 A             |
| — at 690 V rated value                                            | 6.7 A             |
| • at AC-4 at 400 V rated value                                    | 8.5 A             |
| • at AC-5a up to 690 V rated value                                | 19.4 A            |
| • at AC-5b up to 400 V rated value                                | 7.4 A             |
| • at AC-6a                                                        |                   |
| — up to 230 V for current peak value n=20 rated value             | 5.3 A             |
| — up to 400 V for current peak value n=20 rated value             | 5.3 A             |
| — up to 500 V for current peak value n=20 rated value             | 5.3 A             |
| — up to 690 V for current peak value n=20 rated value             | 5 A               |
| • at AC-6a                                                        |                   |
| — up to 230 V for current peak value n=30 rated value             | 3.5 A             |
| — up to 400 V for current peak value n=30 rated value             | 3.5 A             |
| — up to 500 V for current peak value n=30 rated value             | 3.6 A             |
| — up to 690 V for current peak value n=30 rated value             | 3.3 A             |
| minimum cross-section in main circuit at maximum AC-1 rated value | 4 mm <sup>2</sup> |
| operational current for approx. 200000 operating cycles at AC-4   |                   |
| • at 400 V rated value                                            | 4.1 A             |
| • at 690 V rated value                                            | 3.3 A             |
| operational current                                               |                   |
| • at 1 current path at DC-1                                       |                   |
| — at 24 V rated value                                             | 20 A              |
| — at 60 V rated value                                             | 20 A              |
| — at 110 V rated value                                            | 2.1 A             |
| — at 220 V rated value                                            | 0.8 A             |
| — at 440 V rated value                                            | 0.6 A             |
| — at 600 V rated value                                            | 0.6 A             |
| • with 2 current paths in series at DC-1                          |                   |
| — at 24 V rated value                                             | 20 A              |
| — at 60 V rated value                                             | 20 A              |
| — at 110 V rated value                                            | 12 A              |
| — at 220 V rated value                                            | 1.6 A             |
| — at 440 V rated value                                            | 0.8 A             |
| — at 600 V rated value                                            | 0.7 A             |
| • with 3 current paths in series at DC-1                          |                   |
| — at 24 V rated value                                             | 20 A              |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <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>                                                                                                                                                                                                                                                    | 20 A<br>20 A<br>20 A<br>1.3 A<br>1 A                                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"> <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 110 V rated value</li> </ul> </li> </ul>                                                                                                                                                                                                                       | 20 A<br>0.5 A<br>0.15 A                                                                                                                                                                                                                                                                                    |
| <ul style="list-style-type: none"> <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> </ul> </li> </ul>                                                                                                                                                                                                          | 20 A<br>5 A<br>0.35 A                                                                                                                                                                                                                                                                                      |
| <ul style="list-style-type: none"> <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>                                                                                                          | 20 A<br>20 A<br>20 A<br>1.5 A<br>0.2 A<br>0.2 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> </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> </ul> </li> </ul> | 2.2 kW<br>4 kW<br>4 kW<br>5.5 kW<br><br>2.2 kW<br>4 kW<br>4 kW<br>5.5 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>                                                                                                                                                                                                                                                                                | 2 kW<br>2.5 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> </ul>                                                                                                              | 2 kVA<br>3.6 kVA<br>4.6 kVA<br>5.9 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> </ul>                                                                                                              | 1.3 kVA<br>2.4 kVA<br>3.1 kVA<br>4 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>                            | 155 A; Use minimum cross-section acc. to AC-1 rated value<br>111 A; Use minimum cross-section acc. to AC-1 rated value<br>86 A; Use minimum cross-section acc. to AC-1 rated value<br>66 A; Use minimum cross-section acc. to AC-1 rated value<br>55 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 DC</li> </ul>                                                                                                                                                                                                                                                                                                                                                               | 10 000 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</li> </ul>                                                                                                                                                                                                                                                                                   | 1 000 1/h<br>750 1/h<br>750 1/h                                                                                                                                                                                                                                                                            |

|                                                                                       |                                                 |
|---------------------------------------------------------------------------------------|-------------------------------------------------|
| — maximum                                                                             | 750 1/h                                         |
| • at AC-4 maximum                                                                     | 250 1/h                                         |
| <b>Control circuit/ Control</b>                                                       |                                                 |
| <b>type of voltage of the control supply voltage</b>                                  | DC                                              |
| <b>control supply voltage at DC rated value</b>                                       | 48 V                                            |
| <b>operating range factor control supply voltage rated value of magnet coil at DC</b> |                                                 |
| • initial value                                                                       | 0.8                                             |
| • full-scale value                                                                    | 1.1                                             |
| <b>closing power of magnet coil at DC</b>                                             | 4 W                                             |
| <b>holding power of magnet coil at DC</b>                                             | 4 W                                             |
| <b>closing delay</b>                                                                  |                                                 |
| • at DC                                                                               | 30 ... 100 ms                                   |
| <b>opening delay</b>                                                                  |                                                 |
| • at DC                                                                               | 7 ... 13 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                    | 0                                               |
| 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                                                                | 7.6 A                                           |
| • at 600 V rated value                                                                | 9 A                                             |
| <b>yielded mechanical performance [hp]</b>                                            |                                                 |
| • for single-phase AC motor                                                           |                                                 |
| — at 110/120 V rated value                                                            | 0.33 hp                                         |
| — at 230 V rated value                                                                | 1 hp                                            |
| • for 3-phase AC motor                                                                |                                                 |
| — at 200/208 V rated value                                                            | 2 hp                                            |
| — at 220/230 V rated value                                                            | 3 hp                                            |
| — at 460/480 V rated value                                                            | 5 hp                                            |
| — at 575/600 V rated value                                                            | 7.5 hp                                          |
| <b>contact rating of auxiliary contacts according to UL</b>                           | A600 / Q600                                     |

| Short-circuit protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> <ul style="list-style-type: none"> <li>for short-circuit protection of the main circuit <ul style="list-style-type: none"> <li>with type of coordination 1 required</li> <li>with type of coordination 2 required</li> </ul> </li> <li>for short-circuit protection of the auxiliary switch required</li> </ul>                                                                                                                                                                          | gG: 35 A (690 V, 100 kA), aM: 20 A (690 V, 100 kA), BS88: 35 A (415 V, 80 kA)<br>gG: 20 A (690 V, 100 kA), aM: 16 A (690 V, 100 kA), BS88: 20 A (415 V, 80 kA)<br>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70 mm                                                                                                                                                                                    |
| <b>width</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45 mm                                                                                                                                                                                    |
| <b>depth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 73 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 (0.5 ... 4 mm²)<br>2x (0.5 ... 4 mm²)<br>2x (0.5 ... 2.5 mm²)<br>2x (0.5 ... 2.5 mm²)<br>2x (20 ... 12)                                                                               |
| <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>                                                                                                                                                                                                                                                                           | 0.5 ... 4 mm²<br>0.5 ... 4 mm²<br>0.5 ... 2.5 mm²<br>0.5 ... 2.5 mm²                                                                                                                     |
| <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 ... 4 mm²<br>0.5 ... 2.5 mm²<br>0.5 ... 2.5 mm²                                                                                                                                      |
| <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> </ul>                                                                                                                                                                                                                | 2x (0.5 ... 4 mm²)<br>2x (0.5 ... 2.5 mm²)<br>2x (0.5 ... 2.5 mm²)                                                                                                                       |

|                                                                                       |                |
|---------------------------------------------------------------------------------------|----------------|
| • for AWG cables for auxiliary contacts                                               | 2x (20 ... 12) |
| <b>AWG number as coded connectable conductor cross section for main contacts</b>      | 20 ... 12      |
| <b>AWG number as coded connectable conductor cross section for auxiliary contacts</b> | 20 ... 12      |

#### Safety related data

|                                                                      |                 |
|----------------------------------------------------------------------|-----------------|
| <b>product function</b>                                              |                 |
| • mirror contact according to IEC 60947-4-1                          | Yes; with 3RH29 |
| • 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         |

#### ISO 13849

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

#### IEC 61508

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

#### Electrical Safety

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

#### Approvals Certificates

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| <b>Environmental Product Declaration</b>                               |           |
| • global warming potential [CO <sub>2</sub> eq] / during manufacturing | 1.42 kg   |
| • global warming potential [CO <sub>2</sub> eq] / during operation     | 152 kg    |
| • global warming potential [CO <sub>2</sub> eq] / after end of life    | -0.305 kg |
| • global warming potential [CO <sub>2</sub> eq] / total                | 153 kg    |

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

[Environmental Confirmations](#)



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



[Special Test Certificate](#)

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

[Type Test Certificates/Test Report](#)



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



[Miscellaneous](#)

[Confirmation](#)



[Miscellaneous](#)

[Special Test Certificate](#)

## 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=3RT2016-2BW41>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-2BW41>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2016-2BW41&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2016-2BW41&lang=en)

### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-2BW41>

### Characteristic curves

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



