## SIEMENS

## Data sheet

## 3RT2035-3NB34-3MA0



power contactor, AC-3 40 A, 18.5 kW / 400 V 2 NO + 2 NC, AC / DC 20-33 V, communication- capable, with varistor, 3-pole, Size S2, spring-type terminal, Captive auxiliary switch

| product designation         Power contactor           product type designation         3R12           General technical data         S2           size of contactor         S2           product extension         No           • function module for communication         No           • function module for communication         No           • at AC in hot operating state         6.6 W           • at AC in hot operating state per pole         2.2 W           • without load current share typical         690 V           • of auxiliary circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         64 V           • of main circuit rated value         6 KV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • at AC         9 (9 / 5 ms, 3.7g / 10 ms           • at AC         9 (9 / 5 ms, 5.8g / 10 ms           • at AC         9 (9 / 5 ms, 5.8g / 10 ms           • at AC         9  | product brand name   | SIRIUS                    |
|--|--|---------------------------|
| size of contactor       S2         product extension       No         • function module for communication       No         • auxiliary switch       No         • auxiliary switch       No         • at AC in hot operating state per pole       2.2 W         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       64V         • of main circuit rated value       64V         • of maxiliary circuit rated value       64V         • of auxiliary circuit rated value       64V         • of auxiliary circuit rated value       64V         • of auxiliary circuit rated value       61g /5 ms, 3.7g / 10 ms         • at AC       6.1g /5 ms, 3.7g / 10 ms         • at AC       9.6g /5 ms, 5.8g / 10 ms         • at DC       9.6g /5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms <td>product designation</td> <td>Power contactor</td>  | product designation  | Power contactor           |
| size of contactor     S2       product extension     No       • function module for communication     No       • auxiliary switch     No       power loss [W] for rated value of the current     6.6 W       • at AC in hot operating state per pole     2.2 W       • without load current share typical     2W       insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     64 KV       • of main circuit rated value     64 KV       • of main cortate for adge for safe isolation between coil and main contacts according to EN 60947-1     400 V       shock resistance at rectangular impulse     6.1g / 5 ms, 3.7g / 10 ms       • at AC     6.1g / 5 ms, 3.7g / 10 ms       • at DC     9.6g / 5 ms, 5.8g / 10 ms       • at DC     9.6g / 5 ms, 5.8g / 10 ms       • at DC     10 000 000       • of the contactor with added electronically optimized auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch   | product type designation   | 3RT2                      |
| product extension       No         • function module for communication       No         • auxiliary switch       No         • auxiliary switch       No         • at AC in hot operating state       6.6 W         • at AC in hot operating state per pole       2.2 W         • without load current share typical       2 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit rated value       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of main circuit rated value       6 kV         • at AC       6.1g / 5 ms, 3.7g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       5.000 000         • of the co  | General technical data   |                           |
| • function module for communicationNo• auxiliary switchNopower loss [W] for rated value of the current-• at AC in hot operating state6.6 W• at AC in hot operating state per pole2.2 W• without load current share typical2 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• of the contactor with added electronically optimized• of the contactor with added auxiliary switch block typical• of the contactor with added auxiliary switch block typical• of the contactor with added auxiliary switch block typical• of the contactor with added auxiliary switch block typical• of the contactor with added auxiliary switch block typical• of the contactor with added auxiliary switch block typical <tr< td=""><td>size of contactor</td><td>S2</td></tr<>  | size of contactor  | S2                        |
| • auxiliary switchNopower loss [VI] for rated value of the current.• at AC in hot operating state6.6 W• at AC in hot operating state probe2.2 W• without load current share typical2 W• of main circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit rated value680 V• of main circuit rated value6 kV• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• of contactor rated value6 kg / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• of the contactor with added electronically optimized10 000 000• of the contactor with added electronically optimized10 000 000• of the contactor with added electronically optimized10 000 000• of the contactor with added auxiliary switch block10 000 000• of the contactor with added electronically optimized10 000 000• of the contactor with added electronically optimized2000 m<   | product extension  |                           |
| power loss [W] for rated value of the current <ul> <li>at AC in hot operating state</li> <li>at AC in hot operating state per pole</li> <li>2.2 W</li> </ul> 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         of auxiliary circuit with degree of pollution 3 rated value              690 V         of auxiliary circuit with degree of pollution 3 rated value              690 V         of auxiliary circuit rated value              6 kV         at AC              6.1g / 5 ms, 3.7g / 10 ms         at DC              9.6g / 5 ms, 5.8g / 10 ms         at DC              9.6g / 5 ms, 5.8g / 10 ms         of ontactor typical              10 000 000          of the contactor with added electronically optimized auxiliary switch block typical              10 000 000          of the contactor with added auxili   | <ul> <li>function module for communication</li> </ul>                      | No                        |
| • at AC in hot operating state<br>• at AC in hot operating state per pole<br>• without load current share typical6.6 W<br>2.2 W<br>2.2 Winsulation voltage<br>• of main circuit with degree of pollution 3 rated value<br>• of auxiliary circuit with degree of pollution 3 rated value<br>• of auxiliary circuit rated value<br>• of auxiliary circuit rated value690 Vsurge voltage resistance<br>• of main circuit rated value<br>• of auxiliary circuit rated value6 kV• of main circuit rated value<br>• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value<br>• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value<br>• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value<br>• of auxiliary circuit rated value6 kV• at AC<br>• at AC<br>• at DC6.1g / 5 ms, 3.7g / 10 ms• at AC<br>• at DC9.6g / 5 ms, 5.8g / 10 ms• at AC<br>• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC<br>• of contactor with added electronically optimized<br>auxiliary switch block typical<br>• of the contactor with added electronically optimized<br>auxiliary switch block typical<br>• of the contactor with added auxiliary switch block<br>typical10 000 000• forther conditions2 000 mInstallation altitude at height above sea level maximum<br>• during operation2 000 m  | <ul> <li>auxiliary switch</li> </ul>                                       | No                        |
| • at AC in hot operating state per pole2.2 W• without load current share typical2 Winsulation voltage600 V• of main circuit with degree of pollution 3 rated value690 V• of axiliary circuit with degree of pollution 3 rated value690 V• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• of the contactor with added electronically optimized auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical2 000 mInstallation altitude at height above sea level maximum2 000 mambient conditions-25 +60 °C  | power loss [W] for rated value of the current                              |                           |
| • without load current share typical2 Winsulation voltage600 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at C9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms  | <ul> <li>at AC in hot operating state</li> </ul>                           | 6.6 W                     |
| insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at AC       6.1g / 5 ms, 3.7g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxili   | <ul> <li>at AC in hot operating state per pole</li> </ul>                  | 2.2 W                     |
| • of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance690 V• of main circuit rated value6 kV• of main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse6.1g / 5 ms, 3.7g / 10 ms• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms, 5.8g / 10 ms• at AC9.0g / 5 ms<  | <ul> <li>without load current share typical</li> </ul>                     | 2 W                       |
| • of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance6 kV• of main circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse400 V• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 6 mg / 10 000 000• at DC <t< td=""><td>insulation voltage</td><td></td></t<>  | insulation voltage   |                           |
| value         Image: voltage resistance           • of main circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           maximum permissible voltage for safe isolation between<br>coil and main contacts according to EN 60947-1         400 V           shock resistance at rectangular impulse         -           • at AC         6.1g / 5 ms, 3.7g / 10 ms           • at AC         6.1g / 5 ms, 3.7g / 10 ms           • at AC         9.6g / 5 ms, 5.8g / 10 ms           • at AC         9.6g / 5 ms, 5.8g / 10 ms           • at AC         9.6g / 5 ms, 5.8g / 10 ms           • at AC         9.6g / 5 ms, 5.8g / 10 ms           • at DC         5000 000           • of contactor typical         10 000 000           • of the contactor with added electronically optimized<br>auxiliary switch block typical         10 000 000           • of the contactor with added auxiliary switch block<br>typical         10 000 000           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         Qu/1/2014           Ambient conditions         2000 m           ambient temperature<br>• during operation         2000 m   | <ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul> | 690 V                     |
| • of main circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for safe isolation between<br>coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse-• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC0.000 000• of the contactor with added electronically optimized<br>auxiliary switch block typical• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typicalQInstallation altitude at height above sea level maximum<br>e during operation2 000 mambient   |  | 690 V                     |
| • of auxiliary circuit rated value6 kVmaximum permissible voltage for safe isolation between<br>coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse.• at AC6.1g / 5 ms, 3.7g / 10 ms• at DC6.1g / 5 ms, 3.7g / 10 msshock resistance with sine pulse.• at AC9.6g / 5 ms, 5.8g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• of contactor typical10 000 000• of the contactor with added electronically optimized<br>auxiliary switch block typical• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical0• of the contactor with added auxiliary switch block<br>typical000 000• fulfort conditions10/01/2014Installation altitude at height above sea level maximum<br>• during operation2 000 mambient temperature<br>• during operation2 000 m   | surge voltage resistance   |                           |
| maximum permissible voltage for safe isolation between<br>coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse<br>• at AC<br>• at DC6.1g / 5 ms, 3.7g / 10 msshock resistance with sine pulse<br>• at AC<br>• at DC9.6g / 5 ms, 5.8g / 10 msshock resistance with sine pulse<br>• at AC<br>• at DC9.6g / 5 ms, 5.8g / 10 msmechanical service life (switching cycles)<br>• of contactor typical10 000 000of the contactor with added electronically optimized<br>auxiliary switch block typical10 000 000of the contactor with added auxiliary switch block<br>typical10 000 000reference code according to IEC 81346-2<br>Substance Prohibitance (Date)QMethem temperature<br>• during operation2 000 m   | <ul> <li>of main circuit rated value</li> </ul>                            | 6 kV                      |
| coil and main contacts according to EN 60947-1       shock resistance at rectangular impulse         • at AC       6.1g / 5 ms, 3.7g / 10 ms         • at DC       6.1g / 5 ms, 3.7g / 10 ms         shock resistance with sine pulse       6.1g / 5 ms, 3.7g / 10 ms         • at AC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • at DC       9.6g / 5 ms, 5.8g / 10 ms         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10/01/2014         Ambient conditions       2 000 m         inst  | <ul> <li>of auxiliary circuit rated value</li> </ul>                       | 6 kV                      |
| • at AC6.1g / 5 ms, 3.7g / 10 ms• at DC6.1g / 5 ms, 3.7g / 10 msshock resistance with sine pulse• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical2 000 mreference code according to IEC 81346-2QAmbient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature<br>• during operation-25 +60 °C  |  | 400 V                     |
| • at DC6.1g / 5 ms, 3.7g / 10 msshock resistance with sine pulse6.1g / 5 ms, 3.7g / 10 ms• at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• mechanical service life (switching cycles)10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical0 000 000• of the contactor with added auxiliary switch block typical0 000 000• of the contactor with added auxiliary switch block typical0 000 000• of the contactor with added surviliary switch block typical0 000 000• of the contactor with added surviliary switch block typical0 000 000• further conditions2 000 mInstallation altitude at height above sea level maximum2 000 mambient temperature<br>• during operation2 000 m  | shock resistance at rectangular impulse                                    |                           |
| shock resistance with sine pulse9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 msmechanical service life (switching cycles)10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized<br>auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor dit block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor block typical<br>• of the contactor with added auxiliary switch block<br>typical0• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor block<br>typical000 000• of the contactor block<br>typical2 000 m• of the conditions2 000 m• during operation-25 +60 °C  | • at AC  | 6.1g / 5 ms, 3.7g / 10 ms |
| • at AC9.6g / 5 ms, 5.8g / 10 ms• at DC9.6g / 5 ms, 5.8g / 10 msmechanical service life (switching cycles)0.000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical0 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor de according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2014Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 m• during operation-25 +60 °C  | • at DC  | 6.1g / 5 ms, 3.7g / 10 ms |
| • at DC9.6g / 5 ms, 5.8g / 10 msmechanical service life (switching cycles)• of contactor typical10 000 000• of the contactor with added electronically optimized<br>auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typicalQreference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2014Ambient conditions2 000 minstallation altitude at height above sea level maximum<br>• during operation2 000 m   | shock resistance with sine pulse   |                           |
| mechanical service life (switching cycles)       10 000 000         • 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         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2014         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C   | • at AC  | 9.6g / 5 ms, 5.8g / 10 ms |
| • of contactor typical10 000 000• of the contactor with added electronically optimized<br>auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2014Ambient conditions2 000 minstallation altitude at height above sea level maximum<br>e during operation2 000 m  | • at DC  | 9.6g / 5 ms, 5.8g / 10 ms |
| • of the contactor with added electronically optimized<br>auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2014Ambient conditions2 000 minstallation altitude at height above sea level maximum<br>• during operation2 000 m   | mechanical service life (switching cycles)                                 |                           |
| auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block<br>typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2014Ambient conditions2 000 minstallation altitude at height above sea level maximum<br>• during operation2 000 m  | <ul> <li>of contactor typical</li> </ul>                                   | 10 000 000                |
| typical     Image: constraint of the second se |  | 5 000 000                 |
| Substance Prohibitance (Date)       10/01/2014         Ambient conditions       10/01/2014         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C  |  | 10 000 000                |
| Ambient conditions         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C  | reference code according to IEC 81346-2                                    | Q                         |
| installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C   | Substance Prohibitance (Date)  | 10/01/2014                |
| ambient temperature       • during operation       -25 +60 °C  | Ambient conditions   |                           |
| • during operation -25 +60 °C  | installation altitude at height above sea level maximum                    | 2 000 m                   |
|  | ambient temperature  |                           |
| • during storage -55 +80 °C  | <ul> <li>during operation</li> </ul>                                       | -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  |              |
| Main circuit   |              |
| number of poles for main current circuit   | 3            |
| number of NO contacts for main contacts  | 3            |
| operating voltage  |              |
| <ul> <li>at AC-3 rated value maximum</li> </ul>  | 690 V        |
| at AC-3e rated value maximum   | 690 V        |
| operational current  |              |
| <ul> <li>at AC-1 at 400 V at ambient temperature 40 °C<br/>rated value</li> </ul>          | 60 A         |
| • at AC-1  |              |
| up to 690 V at ambient temperature 40 °C   | 60 A         |
| rated value  |              |
| — up to 690 V at ambient temperature 60 °C   | 55 A         |
| rated value  |              |
| ● at AC-3  |              |
| — at 400 V rated value   | 41 A         |
| — at 500 V rated value   | 41 A         |
| — at 690 V rated value   | 24 A         |
| • at AC-3e   | 41.0         |
| — at 400 V rated value   | 41 A<br>41 A |
| - at 500 V rated value   |              |
| <ul> <li>— at 690 V rated value</li> <li>at AC-4 at 400 V rated value</li> </ul>           | 24 A<br>35 A |
| <ul> <li>at AC-4 at 400 V fated value</li> <li>at AC-5a up to 690 V rated value</li> </ul> | 52.8 A       |
| • at AC-5b up to 400 V rated value   | 33.2 A       |
| • at AC-6a   | 55.2 A       |
| — up to 230 V for current peak value n=20 rated  | 36.5 A       |
| value  |              |
| <ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>                  | 36.5 A       |
| — up to 500 V for current peak value n=20 rated value                                      | 36.5 A       |
| <ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>                  | 24 A         |
| • at AC-6a   |              |
| <ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>                  | 24.2 A       |
| <ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>                  | 24.2 A       |
| — up to 500 V for current peak value n=30 rated value                                      | 24.2 A       |
| — up to 690 V for current peak value n=30 rated value                                      | 24 A         |
| minimum cross-section in main circuit at maximum AC-1<br>rated value                       | 16 mm²       |
| operational current for approx. 200000 operating cycles at AC-4                            |              |
| • at 400 V rated value   | 22 A         |
| • at 690 V rated value   | 18.5 A       |
| operational current  |              |
| <ul> <li>at 1 current path at DC-1</li> </ul>  |              |
| — at 24 V rated value  | 55 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       |
| • with 2 current paths in series at DC-1   |              |
| — at 24 V rated value  | 55 A         |
| — at 110 V rated value   | 45 A         |
| — at 220 V rated value   | 5 A          |

| at 110 V rated value   | 4.6   |
|--|---|
| — at 440 V rated value   | 1 A   |
| — at 600 V rated value   | 0.8 A   |
| with 3 current paths in series at DC-1   |   |
| — at 24 V rated value  | 55 A  |
| — at 110 V rated value   | 55 A  |
| — at 220 V rated value   | 45 A  |
| — at 440 V rated value   | 2.9 A   |
| — at 600 V rated value   | 1.4 A   |
| • at 1 current path at DC-3 at DC-5  |   |
| — at 24 V rated value  | 35 A  |
| — at 110 V rated value   | 2.5 A   |
| — at 220 V rated value   | 1A  |
| — at 440 V rated value   | 0.1 A   |
| — at 600 V rated value   | 0.06 A  |
| • with 2 current paths in series at DC-3 at DC-5   |   |
| — at 24 V rated value  | 55 A  |
| — at 110 V rated value   | 25 A  |
| — at 220 V rated value   | 5 A   |
| — at 440 V rated value   | 0.27 A  |
| — at 600 V rated value   | 0.16 A  |
| • with 3 current paths in series at DC-3 at DC-5   |   |
| — at 24 V rated value  | 55 A  |
| — at 110 V rated value   | 55 A  |
| — at 220 V rated value   | 25 A  |
| — at 440 V rated value   | 0.6 A   |
| — at 600 V rated value   | 0.35 A  |
| operating power  |   |
| • 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   | 22 kW   |
| — at 690 V rated value   | 22 kW   |
| • at AC-3e   |   |
| — at 230 V rated value   | 11 kW   |
| — at 400 V rated value   | 18.5 kW   |
| — at 500 V rated value   | 22 kW   |
| — at 690 V rated value   | 22 kW   |
| operating power for approx. 200000 operating cycles at AC-4  |   |
| • at 400 V rated value   | 11.6 kW   |
| at 690 V rated value   | 16.8 kW   |
| operating apparent power at AC-6a  |   |
| up to 230 V for current peak value n=20 rated value  | 14.5 kVA  |
| <ul> <li>up to 200 V for current peak value n=20 rated value</li> <li>up to 400 V for current peak value n=20 rated value</li> </ul> | 25.2 kVA  |
| <ul> <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> </ul> | 25.2 KVA<br>31.6 kVA                                      |
| <ul> <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> | 28.6 kVA  |
| operating apparent power at AC-6a  |   |
| up to 230 V for current peak value n=30 rated value  | 9.6 kVA   |
| • up to 400 V for current peak value n=30 rated value  | 16.8 kVA  |
| • up to 500 V for current peak value n=30 rated value  | 21 kVA  |
| • up to 690 V for current peak value n=30 rated value  | 28.6 kVA  |
| short-time withstand current in cold operating state   |   |
| up to 40 °C  |   |
| <ul> <li>limited to 1 s switching at zero current maximum</li> </ul>   | 843 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 5 s switching at zero current maximum</li> </ul>   | 596 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 10 s switching at zero current maximum</li> </ul>  | 400 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 30 s switching at zero current maximum</li> </ul>  | 241 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 60 s switching at zero current maximum</li> </ul>  | 196 A; Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency  |   |
| • at AC  | 1 500 1/h   |
|  |   |

| ● at DC   | 1 500 1/h        |
|---|------------------|
| operating frequency   |                  |
| • at AC-1 maximum   | 1 200 1/h        |
| • at AC-2 maximum   | 750 1/h          |
| • at AC-3 maximum   | 1 000 1/h        |
| • at AC-3e maximum  | 1 000 1/h        |
| • at AC-4 maximum   | 300 1/h          |
| Control circuit/ Control  | 300 1/1          |
|   | 40/00            |
| type of voltage of the control supply voltage<br>control supply voltage at AC     | AC/DC            |
| • at 50 Hz rated value  | 20 33 V          |
| at 50 Hz rated value  | 20 33 V          |
|   | 20 33 V          |
| control supply voltage at DC <ul> <li>rated value</li> </ul>                      | 20 33 V          |
|   | 20 33 V          |
| operating range factor control supply voltage rated<br>value of magnet coil at DC |                  |
| initial value   | 0.8              |
| • full-scale value  | 1.1              |
| operating range factor control supply voltage rated                               |                  |
| value of magnet coil at AC  |                  |
| • at 50 Hz  | 0.8 1.1          |
| • at 60 Hz  | 0.8 1.1          |
| design of the surge suppressor  | with varistor    |
| inrush current peak   | 3 A              |
| duration of inrush current peak   | -<br>50 μs       |
| locked-rotor current mean value   | 1 A              |
| locked-rotor current peak   | 2.6 A            |
| duration of locked-rotor current  | 230 ms           |
| holding current mean value  | 40 mA            |
| apparent pick-up power of magnet coil at AC                                       |                  |
| • at 50 Hz  | 40 VA            |
| • at 60 Hz  | 40 VA            |
| apparent holding power of magnet coil at AC                                       |                  |
| • at 50 Hz  | 2 VA             |
| • at 60 Hz  | 2 VA             |
| closing power of magnet coil at DC  | 23 W             |
| holding power of magnet coil at DC  | 1 W              |
| closing delay   |                  |
| • at AC   | 35 110 ms        |
| • at DC   | 35 110 ms        |
| opening delay   |                  |
| • at AC   | 30 55 ms         |
| • at DC   | 30 55 ms         |
| arcing time   | 10 20 ms         |
| control version of the switch operating mechanism                                 | Standard A1 - A2 |
| Auxiliary circuit   |                  |
| number of NC contacts for auxiliary contacts                                      | 2                |
| instantaneous contact   |                  |
| number of NO contacts for auxiliary contacts<br>instantaneous contact             | 2                |
| operational current at AC-12 maximum  | 10 A             |
| operational current at AC-15  |                  |
| • 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              |
| operational current at DC-12  |                  |
| • 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              |
|   |                  |

|   | 0.4  |  |  |  |
|---|--|--|--|--|
| • at 125 V rated value  | 2 A  |  |  |  |
| at 220 V rated value  | 1 A  |  |  |  |
| at 600 V rated value  | 0.15 A   |  |  |  |
| operational current at DC-13  |  |  |  |  |
| at 24 V rated value   | 6 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  |  |  |  |
| contact reliability of auxiliary contacts   | 1 faulty switching per 100 million (17 V, 1 mA)  |  |  |  |
| UL/CSA ratings  |  |  |  |  |
| full-load current (FLA) for 3-phase AC motor  | 40.4   |  |  |  |
| at 480 V rated value  | 40 A   |  |  |  |
| at 600 V rated value  | 41 A   |  |  |  |
| yielded mechanical performance [hp]   |  |  |  |  |
| <ul> <li>for single-phase AC motor</li> </ul>   |  |  |  |  |
| — at 110/120 V rated value  | 3 hp   |  |  |  |
| — at 230 V rated value  | 7.5 hp   |  |  |  |
| <ul> <li>for 3-phase AC motor</li> </ul>  |  |  |  |  |
| — at 200/208 V rated value  | 10 hp  |  |  |  |
| — at 220/230 V rated value  | 15 hp  |  |  |  |
| — at 460/480 V rated value  | 30 hp  |  |  |  |
| — at 575/600 V rated value  | 40 hp  |  |  |  |
| contact rating of auxiliary contacts according to UL                                  | A600 / Q600  |  |  |  |
| Short-circuit protection  |  |  |  |  |
| design of the fuse link   |  |  |  |  |
| <ul> <li>for short-circuit protection of the main circuit</li> </ul>                  |  |  |  |  |
| — with type of coordination 1 required  | gG: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA)  |  |  |  |
| <ul> <li>— with type of assignment 2 required</li> </ul>                              | gG: 80A (690V,100kA), aM: 50A (690V,100kA), BS88: 63A (415V,80kA)  |  |  |  |
| <ul> <li>for short-circuit protection of the auxiliary switch<br/>required</li> </ul> | gG: 10 A (500 V, 1 kA)   |  |  |  |
| Installation/ mounting/ dimensions  | -  |  |  |  |
| mounting position   | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |  |  |  |
| fastening method  | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715   |  |  |  |
| <ul> <li>side-by-side mounting</li> </ul>   | Yes  |  |  |  |
| height  | 114 mm   |  |  |  |
| width   | 55 mm  |  |  |  |
| depth   | 178 mm   |  |  |  |
| required spacing  |  |  |  |  |
| <ul> <li>with side-by-side mounting</li> </ul>  |  |  |  |  |
| — forwards  | 10 mm  |  |  |  |
| — upwards   | 10 mm  |  |  |  |
| — downwards   | 10 mm  |  |  |  |
| — at the side   | 0 mm   |  |  |  |
| <ul> <li>for grounded parts</li> </ul>  |  |  |  |  |
| — forwards  | 10 mm  |  |  |  |
| — upwards   | 10 mm  |  |  |  |
| — at the side   | 6 mm   |  |  |  |
| — downwards   | 10 mm  |  |  |  |
| <ul> <li>for live parts</li> </ul>  |  |  |  |  |
| — forwards  | 10 mm  |  |  |  |
| — upwards   | 10 mm  |  |  |  |
| — downwards   | 10 mm  |  |  |  |
| — at the side   | 6 mm   |  |  |  |
| Connections/ Terminals  |  |  |  |  |
|   |  |  |  |  |

| type of electrical co  | nnection  |   |  |  |                     |                        |  |
|--|---|---|--|--|---------------------|------------------------|--|
| <ul> <li>for main curren</li> </ul>  |   |   | screw-type term  | ninals   |                     |                        |  |
| <ul> <li>for auxiliary and</li> </ul>  |   | screw-type terminals<br>spring-loaded terminals |  |  |                     |                        |  |
| -  | -   |   |  |  |                     |                        |  |
| <ul> <li>of magnet coil</li> </ul>   | <ul> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> </ul> |   | Spring-type terminals<br>Spring-type terminals               |  |                     |                        |  |
|  | conductor cross-sec   | tions   | oping type ten   |  |                     |                        |  |
| <ul> <li>for main contact</li> </ul>   |   |   |  |  |                     |                        |  |
|  | solid or stranded   |   | 2x (1 35 mm <sup>2</sup>                                     | <sup>2</sup> ) 1x (1 50  | ) mm²)              |                        |  |
|  | <ul> <li>— finely stranded with core end processing</li> </ul>                  |   | 2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 25 mm²), 1x (1 35 mm²) |  |                     |                        |  |
| -  | at AWG cables for main contacts   |   |  | 2x (1 25 mm <sup>-</sup> ), 1x (1 35 mm <sup>-</sup> )<br>2x (18 2), 1x (18 1) |                     |                        |  |
| connectable conduc   | ctor cross-section for  | main  |  |  |                     |                        |  |
| contacts   |   |   |  |  |                     |                        |  |
|  | with core end processi  |   | 1 35 mm²   |  |                     |                        |  |
|  | ctor cross-section for  | auxiliary                                       |  |  |                     |                        |  |
| <ul> <li>contacts</li> <li>solid or strande</li> </ul>   | a d   |   | 0.5 2.5 mm²  |  |                     |                        |  |
|  | with core end processi  | na  | 0.5 2.5 mm <sup>2</sup>                                      |  |                     |                        |  |
|  |   | 0   | 0.5 1.5 mm   |  |                     |                        |  |
| <ul> <li>for auxiliary correctable</li> </ul>  | e conductor cross-sec   | 10115   |  |  |                     |                        |  |
| <ul> <li>Ior auxiliary con</li> <li>— solid or sti</li> </ul>  |   |   | 2x (0.5 2.5 m  | nm²)   |                     |                        |  |
|  | nded with core end prod   | cessing   | 2x (0.5 2.5 m<br>2x (0.5 1.5 m                               |  |                     |                        |  |
| -  | nded without core end proc  | -   | 2x (0.5 1.5 m<br>2x (0.5 2.5 m                               |  |                     |                        |  |
| -  | for auxiliary contacts  | broocoomig                                      | 2x (20 14)   |  |                     |                        |  |
|  | ded connectable conc  | luctor cross                                    |  |  |                     |                        |  |
| section  |   |   |  |  |                     |                        |  |
| <ul> <li>for main contact</li> </ul>   | <ul> <li>for main contacts</li> </ul>   |   | 18 1   |  |                     |                        |  |
| <ul> <li>for auxiliary cor</li> </ul>  | ntacts  |   | 20 14  |  |                     |                        |  |
| Safety related data  |   |   |  |  |                     |                        |  |
| product function   |   |   |  |  |                     |                        |  |
| <ul> <li>mirror contact a</li> </ul>   | according to IEC 60947  | -4-1  | Yes  |  |                     |                        |  |
|  | n operation according to  | o IEC 60947-                                    | No   |  |                     |                        |  |
| 5-1<br>D10 volue with high a   | lomand rate as  | to SNI 24000                                    | 1 000 000  |  |                     |                        |  |
| -  | B10 value with high demand rate according to SN 31920                           |   | 1 000 000  |  |                     |                        |  |
| <ul> <li>proportion of dangerous failures</li> <li>with low demand rate according to SN 31920</li> </ul> |   | 40 %  |  |  |                     |                        |  |
|  | and rate according to SN  |   | 40 % 73 %  |  |                     |                        |  |
|  | low demand rate accord  |   |  |  |                     |                        |  |
| 31920  |   |   | 100111   |  |                     |                        |  |
|  | st interval or service life   | according to                                    | 20 у   |  |                     |                        |  |
| IEC 61508  | an that for the state   |   | -  |  |                     |                        |  |
| protection class IP (<br>60529   | on the front according  | I to IEC  | IP20   |  |                     |                        |  |
|  | the front according to  | o IEC 60529                                     | finger-safe, for vertical contact from the front             |  |                     |                        |  |
| suitability for use  |   |   | 01. 22.0, 101  | e e e e e e e e e e e e e e e e e e e  |                     |                        |  |
| <ul> <li>safety-related s</li> </ul>   | switching OFF   |   | Yes  |  |                     |                        |  |
| Certificates/ approval   | -   |   |  |  |                     |                        |  |
| General Product Ap   |   |   |  |  |                     |                        |  |
| Contrain Froduct Ap  |   |   |  |  |                     |                        |  |
| (SP)   | <b>Confirmation</b>   | $(\mathbf{x})$                                  | 6  | ۶D   | <u>KC</u>           | FAL                    |  |
| CSA  |   |   |  | UL   |                     | LIIL                   |  |
|  |   |   |  |  |                     |                        |  |
|  |   |   |  |  |                     |                        |  |
| EMC  | Functional  | Doclaration                                     | of Conformity  |  | Test Certificates   |                        |  |
| EIWIC  | Safety/Safety of<br>Machinery   | Declaration                                     | Gonomity   |  | rest certificates   |                        |  |
|  | -   |   |  |  |                     |                        |  |
| <b>A</b>   | Type Examination  | ~ ~   |  | IK   | Type Test Certific- | Special Test Certific- |  |
| <u>/</u> (A)   | <u>Certificate</u>  | ĽE  |  | K  | ates/Test Report    | ate                    |  |
| RCM  |   | EG-Konf.  | C  | .Н   |                     |                        |  |
|  |   |   |  |  |                     |                        |  |

| Marine / Shipping  |  |  |                           |                |      |  |
|--|--|--|---------------------------|----------------|------|--|
| ABS  | BUREAU<br>VERITAS  |  | Lloyds<br>Register<br>uis | PRS            | RINA |  |
| Marine / Shipping  | other  |  | Railway                   | Dangerous Good |      |  |
| RMRS R   | Confirmation Confirmation Vibration and Shock Transport Informa-<br>tion |  |                           |                |      |  |
| Further information         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=3RT2035-3NB34-3MA0         Cax online generator         http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2035-3NB34-3MA0         Service&Support (Manuals, Certificates, Characteristics, FAQs,)         http://support.industry.siemens.com/cs/ww/en/ps/3RT2035-3NB34-3MA0         Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)         http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2035-3NB34-3MA0⟨=en         Characteristics, I*t, Let-through current         https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-3NB34-3MA0         Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)         http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2035-3NB34-3MA0⟨=en         Characteristics: Tripping characteristics, I*t, Let-through current         https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-3NB34-3MA0/char         Further characteristics (e.g. electrical endurance, switching frequency) |  |  |                           |                |      |  |

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