## SIEMENS

## Data sheet

## 3RU2136-4JB0



Overload relay 54...65 A Thermal For motor protection Size S2, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

| size of overload relayS2size of contactor can be combined company-specificS2power loss [W] for rated value of the current at AC in hot<br>operating state15.6 W• per pole5.2 Winsulation voltage with degree of pollution 3 at AC rated value690 Vsurge voltage resistance rated value6 kVmaximum permissible voltage for protective separation<br>• in networks with grounded star point between auxiliary<br>and auxiliary circuit415 V• in networks with grounded star point between auxiliary<br>and auxiliary circuit690 V• in networks with grounded star point between auxiliary<br>and auxiliary circuit690 V• in networks with grounded star point between auxiliary<br>and auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• Substance according to IEC 60068-2-278g / 11 msreference code according to IEC 81346-2FSubstance Prohibitance (Date)10/15/2014SVHC substance nameLead - 7439-92-1Weight0.344 kg   |   |                        |
|--|---|------------------------|
| product type designation         3RU2           General technical data   | product brand name  | SIRIUS                 |
| Control tochnical data         Size of overload relay         SZ           size of contactor can be combined company-specific         SZ           power loss [W] for rated value of the current at AC in hot<br>operating state         15.6 W           • per pole         5.2 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         64 V           • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit         415 V           • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit         690 V           • in networks with ungrounded star point between main and<br>auxiliary circuit         690 V           • in networks with ungrounded star point between main and<br>auxiliary circuit         690 V           • in networks with ungrounded star point between main and<br>auxiliary circuit         690 V           • shock resistance according to IEC 60068-2-27         8g / 11 ms           reference cacle according to IEC 60068-2-27         8g / 11 ms           reference cacle according to IEC 60068-2-27         8g / 11 ms           reference cacle according to IEC 60068-2-27         8g / 11 ms           reference cacle according to IEC 60068-2-27         9g / 11 ms           installation altitude at height above sea level maximum         0.344 kg           Amblent condititons   | product designation   | thermal overload relay |
| size of overload relay     §2       size of contactor can be combined company-specific     §2       power loss (W) for rated value of the current at AC in hot<br>operating state     15.6 W       • per pole     5.2 W       insulation voltage with degree of pollution 3 at AC rated value     680 V       surge voltage resistance rated value     64.V       maximum permissible voltage for protective separation     415 V       • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit     415 V       • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit     690 V       • in networks with ungrounded star point between main and<br>auxiliary circuit     690 V       • in networks with ungrounded star point between main and<br>auxiliary circuit     690 V       • In networks with ungrounded star point between main and<br>auxiliary circuit     690 V       • Substance Prohibitance (Date)     10/15/2014       • SVHC substance name     Lead - 7439-92-1       Weight     0.344 kg       Ambient conditions     400 +70 °C       • during paration     -40 +80 °C       • during transport     -55 +80 °C       • during transport     -55 +80 °C       • during transport     -55 +80 °C       • during transport     -56 A       • during transport     -56 A       • during transport     -56 A </th <th>product type designation</th> <th>3RU2</th>  | product type designation  | 3RU2                   |
| size of contactor can be combined company-specific         S2           power loss [W] for rated value of the current at AC in hot<br>operating state         15.6 W           • per pole         5.2 W           Insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         68 V           maximum permissible voltage for protective separation         415 V           • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit         415 V           • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit         690 V           • in networks with ungrounded star point between main and<br>auxiliary circuit         690 V           • in networks with ungrounded star point between main and<br>auxiliary circuit         690 V           • Stock resistance according to IEC 60068-2-27         8g / 11 ms           reference code according to IEC 60068-2-27         8g / 11 ms           reference code according to IEC 60068-2-27         8g / 10 ms           Velght         0.344 kg           Ambient temperature         -           • during operation         -           • during transport         -           • during transport         -           • during transport         -           • during transport         -   | General technical data  |                        |
| power loss [M] for rated value of the current at AC in hot<br>operating state         15.6 W           • per pole         5.2 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         690 V           in networks with ungrounded star point between auxiliary<br>and auxiliary circuit         415 V           • in networks with grounded star point between auxiliary<br>and auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • shock resistance according to IEC 60068-2-27         8g/ 11 ms           reference code according to IEC 60068-2-27         8g/ 11 ms           reference code according to IEC 60068-2-27         8g/ 12 M           Substance Prohibitance (Date)         101/5/2014           SVHC substance name         Lead - 7439-92-1           Weight         0.344 kg           Ambient conditions         2000 m           installation altitude at height above sea level maximum         2000 m           eduring transport  | size of overload relay  | S2                     |
| oper pole         5.2 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         64V           maximum permissible voltage for protective separation         614 V           • in networks with grounded star point between auxiliary<br>and auxiliary circuit         415 V           • in networks with grounded star point between auxiliary<br>and auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • in networks with grounded star point between main and<br>auxiliary circuit         690 V           • shock resistance according to IEC 60068-2:27         8g /11 ms           reference code according to IEC 60068-2:27         F           Substance Anne         Lead - 7439-92-1           Weight         0.344 kg           Ambient conditions         2000 m           ambient temperature         -55 +60 °C           • during storage         -55 +60 °C           • during transport         10   | size of contactor can be combined company-specific              | S2                     |
| Insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         6 kV           maximum permissible voltage for protective separation         4 kV           • in networks with uprounded star point between auxiliary and auxiliary circuit         415 V           • in networks with uprounded star point between auxiliary and auxiliary circuit         690 V           • in networks with uprounded star point between main and auxiliary circuit         690 V           • in networks with grounded star point between main and auxiliary circuit         690 V           • in networks with grounded star point between main and auxiliary circuit         690 V           • in networks with grounded star point between main and auxiliary circuit         690 V           • stock resistance according to IEC 60068-2-27         8g / 11 ms           reference code according to IEC 61068-2-27         8g / 11 ms           reference code according to IEC 81346-2         F           Substance Prohibitance (Date)         10/15/2014           SVHC substance name         Lead - 7439-92-1           Weight         0.344 kg           Ambient conditions         -           installation altitude at height above sea level maximum         2 000 m           adjustable current response value current of 10   |   | 15.6 W                 |
| surge voltage resistance rated value     6 kV       maximum permissible voltage for protective separation     415 V       in networks with ungrounded star point between auxiliary<br>and auxiliary circuit     415 V       in networks with grounded star point between auxiliary<br>and auxiliary circuit     415 V       in networks with grounded star point between main and<br>auxiliary circuit     690 V       in networks with grounded star point between main and<br>auxiliary circuit     690 V       in networks with grounded star point between main and<br>auxiliary circuit     690 V       shock resistance according to IEC 60068-2-27     8g / 11 ms       reference code according to IEC 60068-2-27     8g / 11 ms       stubstance Prohibitance (Date)     1015/2014       SVHC substance name     Lead - 7439-92-1       Weight     0.344 kg       Ambient conditions     2 000 m       ambient temperature     -40 +70 °C       • during operation     -40 +70 °C       • during storage     -55 +80 °C       temperature compensation     -40 +60 °C       relative humidity during operation     10 95 %       Main circuit     3       adjustable current response value current of the current-<br>dependent overload release     54 65A       operating voltage     690 V       • rated value     690 V       • rated value     690 V    <   | • per pole  | 5.2 W                  |
| maximum permissible voltage for protective separation       415 V         • in networks with ungrounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between auxiliary and auxiliary circuit       415 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • in networks with grounded star point between main and auxiliary circuit       690 V         • shock resistance according to IEC 60068-2-27       8g / 11 ms         reference code according to IEC 81346-2       F         Substance Prohibitance (Date)       10/15/2014         SVHC substance name       Lead - 7439-92-1         Weight       0.344 kg         Ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -40 +70 °C         • during operation       10 95 %         Main circuit       3         relative humidity during operation       10 95 %         Main circuit       3         relative humidity during operation       54 65 A         Operating voltage       690 V         • rate   | insulation voltage with degree of pollution 3 at AC rated value | 690 V                  |
| • in networks with ungrounded star point between auxiliary<br>and auxiliary circuit415 V• in networks with grounded star point between main and<br>auxiliary circuit590 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• shock resistance according to IEC 60068-2-278g / 11 ms• feference code according to IEC 61346-2F• Substance Prohibitance (Date)10/15/2014• SVHC substance nameLead - 7439-92-1• Weight0.344 kg• Ambient conditions2000 m• during operation-40 +70 °C• during storage-55 +80 °C• during torage-55 +80 °C• during torage-56 A <th>surge voltage resistance rated value</th> <th>6 kV</th>   | surge voltage resistance rated value                            | 6 kV                   |
| and auxiliary circuit415 V• in networks with grounded star point between auxiliary<br>and auxiliary circuit690 V• in networks with ungrounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• shock resistance according to IEC 60068-2-278g / 11 ms• reference code according to IEC 60068-2-278g / 11 ms• reference code according to IEC 60068-2-278g / 11 ms• reference code according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-278g / 11 ms• shock resistance according to IEC 60068-2-27Nat Man Circuit• during to to IEC 60068-2-2710 Info/2014• during storage-55 +80 °C• during torage-55 +80 °C• at accut-55 +80 °C• at accut-56 A </th <th>maximum permissible voltage for protective separation</th> <th></th>   | maximum permissible voltage for protective separation           |                        |
| and auxiliary circuit690 V• in networks with ungrounded star point between main and<br>auxiliary circuit690 V• in networks with grounded star point between main and<br>auxiliary circuit690 V• shock resistance according to IEC 60068-2-278g / 11 ms• reference code according to IEC 81346-2F• Substance Prohibitance (Date)10/15/2014• SVHC substance nameLead - 7439-92-1• Weight0.344 kg• Ambient conditions2000 m• during operation-40 +70 °C• during storage-55 +80 °C• during storage-55 +80 °C• during transport-55 +80 °C• during transport-40 +60 °Crelative humidity during operation10 460 °C• during transport3• during transport3• during transport54 65 A• during transport of poles for main current circuit3• adjustable current response value current of the current-<br>dependent overload release690 V• etaid value690 V• etaid value690 V• etaid value690 V  |   | 415 V                  |
| auxiliary circuit       690 V         shock resistance according to IEC 60068-2-27       8g / 11 ms         reference code according to IEC 81346-2       F         Substance Prohibitance (Date)       10/15/2014         SVHC substance name       Lead - 7439-92-1         Weight       0.344 kg         Ambient conditions       2 000 m         ambient temperature       -         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -40 +60 °C         relative humidity during operation       -40 +60 °C         operating voltage       -54 65 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         • at AC-3e rated value       690 V   |   | 415 V                  |
| auxiliary circuit     Bit All Market All | <b>e</b> .  | 690 V                  |
| reference code according to IEC 81346-2       F         Substance Prohibitance (Date)       10/15/2014         SVHC substance name       Lead - 7439-92-1         Weight       0.344 kg         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during operation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       54 65 A         operating voltage       690 V         • at AC-3e rated value       690 V   |   | 690 V                  |
| Substance Prohibitance (Date)         10/15/2014           SVHC substance name         Lead - 7439-92-1           Weight         0.344 kg           Ambient conditions         2 000 m           ambient temperature         -           • during operation         -40 +70 °C           • during storage         -55 +80 °C           • during transport         -55 +80 °C           • during operation         -40 +60 °C           relative humidity during operation         10 95 %           Main circuit         3           adjustable current response value current of the current-dependent overload release         54 65 A           operating voltage         690 V           • at AC-3e rated value maximum         690 V           • at AC-3e rated value maximum         690 V           • operating frequency rated value         690 V   | shock resistance according to IEC 60068-2-27                    | 8g / 11 ms             |
| SVHC substance name       Lead - 7439-92-1         Weight       0.344 kg         Ambient conditions       2000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         • operating frequency rated value       50 60 Hz   | reference code according to IEC 81346-2                         | F                      |
| Weight         0.344 kg           Ambient conditions         2 000 m           installation altitude at height above sea level maximum         2 000 m           ambient temperature   | Substance Prohibitance (Date)                                   | 10/15/2014             |
| Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         • operating frequency rated value       50 60 Hz   | SVHC substance name   | Lead - 7439-92-1       |
| installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         adjustable current response value current of the current-<br>dependent overload release       54 65 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         • at AC-3e rated value       50 60 Hz  | Weight  | 0.344 kg               |
| ambient temperature• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current-<br>dependent overload release54 65 Aoperating voltage-• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hz   | Ambient conditions  |                        |
| • during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• temperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current-<br>dependent overload release54 65 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum50 60 Hz  | installation altitude at height above sea level maximum         | 2 000 m                |
| • during storage-55 +80 °C• during transport-55 +80 °C• temperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current-<br>dependent overload release54 65 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hz  | ambient temperature   |                        |
| • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-<br>dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         • operating frequency rated value       50 60 Hz   | during operation  | -40 +70 °C             |
| temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-<br>dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz   | during storage  | -55 +80 °C             |
| relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-<br>dependent overload release       54 65 A         operating voltage <ul> <li>rated value</li> <li>690 V</li> </ul> operating frequency rated value       690 V   | during transport  | -55 +80 °C             |
| Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-<br>dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz  | temperature compensation  | -40 +60 °C             |
| number of poles for main current circuit       3         adjustable current response value current of the current-<br>dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz   | relative humidity during operation                              | 10 95 %                |
| adjustable current response value current of the current-       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz  | Main circuit  |                        |
| dependent overload release       operating voltage       • rated value       • at AC-3e rated value maximum       operating frequency rated value       50 60 Hz   | number of poles for main current circuit                        | 3                      |
| rated value     at AC-3e rated value maximum     690 V     690 V     690 V     50 60 Hz  |   | 54 65 A                |
| • at AC-3e rated value maximum     690 V     50 60 Hz  | operating voltage   |                        |
| operating frequency rated value 50 60 Hz   | rated value   | 690 V                  |
|  | • at AC-3e rated value maximum                                  | 690 V                  |
| operational current rated value 65 A   | operating frequency rated value                                 | 50 60 Hz               |
|  | operational current rated value                                 | 65 A                   |

| anarational surrant at AC 2a at 400 V rated value  | 65 A  |
|--|---|
| operational current at AC-3e at 400 V rated value  | 65 A  |
| operating power  |   |
| • at AC-3  | 20.144  |
| — at 400 V rated value   | 30 kW   |
| — at 500 V rated value   | 45 kW   |
| — at 690 V rated value   | 55 kW   |
| • at AC-3e   |   |
| — at 400 V rated value   | 30 kW   |
| — at 500 V rated value   | 45 kW   |
| — at 690 V rated value   | 55 kW   |
| Auxiliary circuit  |   |
| design of the auxiliary switch   | integrated  |
| number of NC contacts for auxiliary contacts   | 1   |
| • note   | for contactor disconnection                                   |
| number of NO contacts for auxiliary contacts   | 1   |
| • note   | for message "Tripped"   |
| number of CO contacts for auxiliary contacts   | 0   |
| operational current of auxiliary contacts at AC-15   |   |
| • at 24 V  | 3 A   |
| • at 110 V   | 3 A   |
| • at 120 V   | 3 A   |
| • at 125 V   | 3 A   |
| • at 230 V   | 2 A   |
| • at 400 V   | 1 A   |
| • at 690 V   | 0.75 A  |
| operational current of auxiliary contacts at DC-13   |   |
| • at 24 V  | 2 A   |
| • at 60 V  | 0.3 A   |
| • at 110 V   | 0.22 A  |
| • at 125 V   | 0.22 A  |
| • at 220 V   | 0.11 A  |
| design of the miniature circuit breaker for short-circuit protection<br>of the auxiliary switch required | 6A (SCC less than equal to 0.5 kA; U less than equal to 260V) |
| contact rating of auxiliary contacts according to UL   | B600 / R300   |
| Protective and monitoring functions  |   |
| trip class   | CLASS 10  |
| design of the overload release   | thermal   |
| UL/CSA ratings   |   |
| full-load current (FLA) for 3-phase AC motor   |   |
| • at 480 V rated value   | 65 A  |
| • at 600 V rated value   | 65 A  |
| Short-circuit protection   |   |
| design of the fuse link  |   |
| <ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>                        | fuse gG: 6 A, quick: 10 A                                     |
| Installation/ mounting/ dimensions   |   |
| mounting position  | any   |
| fastening method   | Contactor mounting  |
| height   | 90 mm   |
| width  | 55 mm   |
| depth  | 105 mm  |
| Connections/ Terminals   |   |
| product component removable terminal for auxiliary and   | No  |
| control circuit  |   |
| type of electrical connection  |   |
| • for main current circuit   | screw-type terminals  |
| for auxiliary and control circuit  | screw-type terminals  |
| arrangement of electrical connectors for main current<br>circuit   | Top and bottom  |
| type of connectable conductor cross-sections   |   |
|  |   |
| <ul> <li>for main contacts</li> <li>— solid or stranded</li> </ul>                                       | 2x (1 35 mm²), 1x (1 50 mm²)                                  |

| <ul><li>finely stranded with core end processing</li><li>for AWG cables for main contacts</li></ul>  |  | 2x (1 25 mm <sup>2</sup> ), 1x (1 35   | mm²)  |                   |  |
|--|--|--|---|-------------------|--|
|  | or main contacts<br>onductor cross-section   | ne   | 2x (18 2), 1x (18 1)  |                   |  |
|  |  | ns   |   |                   |  |
| <ul> <li>for auxiliary containing</li> </ul>   |  |  |   |                   |  |
| — solid or stra  |  | !  | 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ) |                   |  |
| -  | ded with core end proces   | ssing  | 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ) |                   |  |
|  | or auxiliary contacts  |  | 2x (20 16), 2x (18 14)  |                   |  |
| tightening torque  |  |  | 0 ( T )   |                   |  |
|  | with screw-type termina  |  | 3 4.5 N·m   |                   |  |
|  | acts with screw-type terr  | ninals   | 0.8 1.2 N·m   |                   |  |
| design of screwdriver shaft  |  | Diameter 5 6 mm  |   |                   |  |
| size of the screwdriver tip  |  | Pozidriv PZ 2  |   |                   |  |
| design of the thread of the connection screw   |  |  |   |                   |  |
| for main contacts  |  | M6   |   |                   |  |
| <ul> <li>of the auxiliary and</li> </ul>   | nd control contacts  |  | M3  |                   |  |
| IEC 61508  |  |  |   |                   |  |
| T1 value   |  |  |   |                   |  |
|  | rval or service life accor   | ding to IEC  | 20 a  |                   |  |
| 61508  |  |  |   |                   |  |
| Electrical Safety  | the front eccentine to   |  | IP20  |                   |  |
| -  | the front according to   |  |   | t from the front  |  |
| touch protection on th   | ie front according to le   | =0 60529   | finger-safe, for vertical contac                              |                   |  |
| Display  |  |  |   |                   |  |
| display version for swite  | ching status   |  | Slide switch  |                   |  |
| Approvals Certificates   |  | _  |   |                   |  |
| General Product App  | roval  |  |   |                   |  |
| 1.112  |  |  | <u>Confirmation</u>   | -                 |  |
| UK   | ()   | (m)  | Commation   | <u> </u>          | гпг  |
| ĒÕ   |  | <u>u</u>   |   | <b>W</b>          | FHI  |
| СН   | EG-Konf.   | ccc  |   | UL                | P11P   |
|  |  |  |   |                   |  |
|  |  |  |   |                   |  |
|  |  |  |   |                   |  |
| For use in hazardous   | locations  | Test Certificat  | es  | Marine / Shipping |  |
| For use in hazardous   | locations  | Type Test Cer  | tific- <u>Special Test Certific-</u>                          | Marine / Shipping |  |
| For use in hazardous   | locations  |  | tific- Special Test Certific-                                 | Marine / Shipping |  |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| For use in hazardous   | locations  | Type Test Cer  | tific- <u>Special Test Certific-</u>                          | Marine / Shipping | BUREAU<br>VERITAS  |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   | BUREAU<br>VERITAS  |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   | <b>BUREAU</b><br>VERITAS                                 |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   | <b>EUREAU</b><br>VERITAS<br>other<br><u>Confirmation</u> |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| IECE×  | (Ex)   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| IECEx<br>IECEx<br>Marine / Shipping  | Lovds<br>Register  | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| IECEx<br>Narine / Shipping   | Lovds<br>Register  | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| IECEx<br>HECEx<br>Marine / Shipping  | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer  | tific- <u>Special Test Certific-</u>                          |                   |  |
| IECEx<br>Marine / Shipping   | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| IECEx<br>Marine / Shipping<br>Div<br>Div<br>Railway  | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer<br>ates/Test Rep   | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| IECEx<br>IECEx<br>Marine / Shipping<br>IECEx<br>Marine / Shipping<br>IECEx   | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| IECEx<br>IECEx<br>Marine / Shipping<br>IECEx<br>Marine / Shipping<br>IECEx   | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| IECEx<br>IECEx<br>Marine / Shipping<br>IECEx<br>Marine / Shipping<br>IECEx   | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| ECEx<br>IECEX<br>Marine / Shipping<br>ESECEX<br>IECEX  | ATEX<br>ATEX<br>Lloydis<br>Register<br>LIS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| ECE:<br>IECE:<br>Marine / Shipping<br>Div<br>Div<br>Special Test Certific-<br>ate<br>Turther information   | Environment  | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| IECEx<br>Marine / Shipping<br>IECEx<br>Marine / Shipping<br>IECEx<br>Special Test Certific-<br>ate<br>Turther information  | Environment<br>Epcode<br>URS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| ECEx<br>IECEx<br>Marine / Shipping<br>EXAMP<br>Special Test Certific-<br>ate   | Environment<br>Escondes<br>URS   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| ECEx<br>Narine / Shipping<br>Narine / Shipping<br>Railway<br>Special Test Certific-<br>ate<br>Further information<br>Information on the par<br>https://support.industry.<br>Information - and Dow<br>https://www.siemens.com   | Environment<br>Environment<br>EppD<br>ckaging<br>siemens.com/cs/ww/en/<br>nloadcenter (Catalogs,<br>m/ic10   | Type Test Cer<br>ates/Test Rep<br>Prs  | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| IECEx IECEX Marine / Shipping  Railway  Special Test Certific-<br>ate  Thermation on the parallel<br>Information on the parallel<br>Information and Dow  | Environment<br>Environment<br>Eckaging<br>siemens.com/cs/ww/en/<br>nloadcenter (Catalogs,<br>m/ic10<br>ordering system)  | Type Test Cer         ates/Test Rep         Image: state stat                              | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| ECEX<br>IECEX<br>Marine / Shipping<br>Division<br>Railway<br>Special Test Certific-<br>ate<br>Curther information<br>Information on the par<br>https://support.industry.<br>Information- and Dow<br>https://www.siemens.co<br>Industry Mall (Online of<br>https://mall.industry.sief                   | Environment<br>Environment<br>Eckaging<br>siemens.com/cs/ww/en/<br>nloadcenter (Catalogs,<br>m/ic10<br>ordering system)  | Type Test Cer         ates/Test Rep         Image: state stat                              | tific-<br>oort Special Test Certific-<br>ate                  |                   |  |
| ECEx<br>Narine / Shipping<br>Constraints<br>Railway<br>Special Test Certific-<br>ate<br>Further information<br>Information on the pay<br>https://support.industry.<br>Information- and Dow<br>https://www.siemens.cc<br>Industry Mall (Online of<br>https://mall.industry.sief<br>Cax online generator | Environment<br>Environment<br>Environment<br>Environment<br>EppD<br>ckaging<br>siemens.com/cs/ww/en/<br>nloadcenter (Catalogs,<br>m/ic10<br>ordering system)<br>mens.com/mall/en/en/Ca | Type Test Cer<br>ates/Test Rep         Image: Construction of the set of the s | tific-<br>oort Special Test Certific-<br>ate                  | ABS               |  |

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

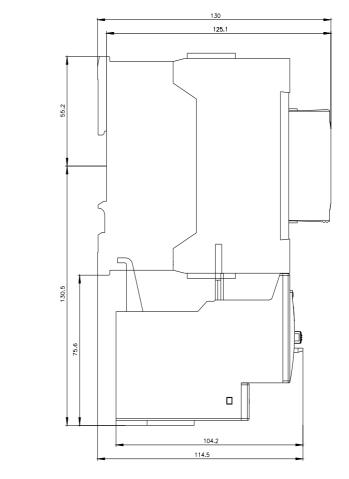
https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4JB0

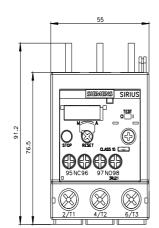
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2136-4JB0&lang=en

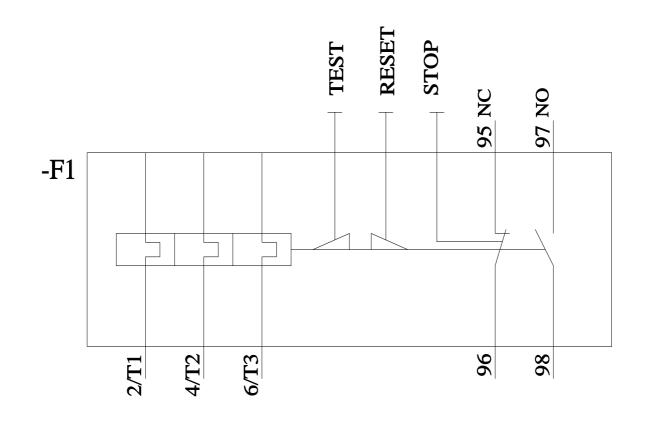
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4JB0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2136-4JB0&objecttype=14&gridview=view1







last modified:

4/5/2024 🖸