# **SIEMENS**

# Data sheet

# 3RT2637-1AB05



CONTACTOR, AC-6B, 75KVAR/400V, 2NC, 24V AC, 50/60HZ, 3-POLE, SIZE S2 SCREW TERMINAL

| Figure similar                                                   |    |                            |
|------------------------------------------------------------------|----|----------------------------|
| product brand name                                               |    | SIRIUS                     |
| Product designation                                              |    | 3RT26 capacitor contactors |
| General technical data:                                          |    |                            |
| Insulation voltage                                               |    |                            |
| Rated value                                                      | V  | 690                        |
| Degree of pollution                                              |    | 3                          |
| Surge voltage resistance Rated value                             | kV | 6                          |
| Mechanical service life (switching cycles)                       |    |                            |
| <ul> <li>of the contactor with added auxiliary switch</li> </ul> |    | 3 000 000                  |
| block typical                                                    |    |                            |
| Electrical endurance (switching cycles)                          |    | 150 000                    |
| Protection class IP                                              |    |                            |
| • on the front                                                   |    | IP20                       |
| Equipment marking                                                | _  |                            |
| • acc. to DIN EN 61346-2                                         |    | Q                          |
| • acc. to DIN EN 81346-2                                         |    | Q                          |
| Main circuit:                                                    |    |                            |
| Number of NC contacts for main contacts                          |    | 0                          |
| Number of NO contacts for main contacts                          |    | 3                          |
| Operating current                                                | -  |                            |
| • at AC-6b at 690 V                                              |    |                            |
| — at ambient temperature 40 °C Rated value                       | А  | 113.4                      |
| — at ambient temperature 60 °C Rated value                       | А  | 108                        |
|                                                                  |    |                            |

Control circuit/ Control:

| Type of voltage                                         | -   | AC          |  |  |
|---------------------------------------------------------|-----|-------------|--|--|
| Type of voltage of the control supply voltage           |     | AC          |  |  |
| Control supply voltage with AC                          |     |             |  |  |
| • at 50 Hz Rated value                                  | V   | 24 24       |  |  |
| <ul> <li>Rated value</li> </ul>                         | Hz  | 50          |  |  |
| Operating range factor control supply voltage rated     | _   |             |  |  |
| value of the magnet coil with AC                        |     |             |  |  |
| • at 50 Hz                                              |     | 0.8 1.1     |  |  |
| Apparent pick-up power of the magnet coil with AC       | V·A | 190         |  |  |
| Apparent holding power of the magnet coil with AC       | V·A | 16          |  |  |
| Inductive power factor                                  |     |             |  |  |
| <ul> <li>with closing power of the coil</li> </ul>      |     | 0.72        |  |  |
| <ul> <li>with the holding power of the coil</li> </ul>  |     | 0.37        |  |  |
| Auxiliary circuit:                                      |     |             |  |  |
| Number of NC contacts                                   |     |             |  |  |
| <ul> <li>for auxiliary contacts</li> </ul>              |     | 2           |  |  |
| — attachable                                            |     | 1           |  |  |
| — instantaneous contact                                 |     | 2           |  |  |
| Number of NO contacts                                   | -   |             |  |  |
| <ul> <li>for auxiliary contacts</li> </ul>              |     | 0           |  |  |
| — attachable                                            |     | 1           |  |  |
| — instantaneous contact                                 |     | 0           |  |  |
| Product expansion Auxiliary switch                      | -   | Yes         |  |  |
| Identification number and letter for switching elements | _   | 2Ö          |  |  |
| Operating current of the auxiliary contacts at AC-12    | A   | 10          |  |  |
| maximum                                                 |     |             |  |  |
| Operating current of the auxiliary contacts at AC-15    | -   |             |  |  |
| • at 230 V                                              | А   | 6           |  |  |
| • at 400 V                                              | А   | 3           |  |  |
| Operating current of the auxiliary contacts at DC-13    |     |             |  |  |
| • at 24 V                                               | А   | 6           |  |  |
| • at 60 V                                               | А   | 2           |  |  |
| • at 110 V                                              | А   | 1           |  |  |
| • at 125 V                                              | А   | 0.9         |  |  |
| • at 220 V                                              | А   | 0.3         |  |  |
| Contact reliability of the auxiliary contacts           |     | 0.0000001   |  |  |
| UL/CSA ratings:                                         |     |             |  |  |
| Contact rating of the auxiliary contacts acc. to UL     |     | A600 / Q600 |  |  |
| Short-circuit:                                          |     |             |  |  |
| Design of the fuse link                                 |     |             |  |  |
|                                                         |     |             |  |  |

| • for short-circuit protection of | f the main circuit |
|-----------------------------------|--------------------|
|-----------------------------------|--------------------|

- with type of assignment 1 required

• for short-circuit protection of the auxiliary switch required

gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A fuse gL/gG: 10 A

| Surface: can be lilted forward and to 22.5° on vertical mounting surface         Wounting type       screw and snap-on mounting onto it mounting rail according to DIN EN         Height       mm       114         With       mm       130         Required spacing       with side-by-side mounting       10         • with side-by-side mounting       mm       10         • at the side       mm       10         • for grounded parts       mm       10         • at the side       mm       10         • for main current circuit       screw-type terminals         • for main current circuit       screw-type terminals         • for main contacts       - solid       2x (0.75 16 mm <sup>3</sup> )         - stranded       2x (1 35 mm <sup>3</sup> ), 1x (1 6 50 mm <sup>3</sup> )       2x (1 35 mm <sup>3</sup> ), 1x (1 50 mm <sup>3</sup> )         - single or multi-stranded       2x (0, 75 16 mm <sup>3</sup> )       2x (1 35 mm <sup>3</sup> ), 1x (1 50 mm <sup>3</sup> )         • for auxiliary contacts       - solid       2x (0, 75 15 mm <sup>3</sup> ), 2x (0, 75 2.5         - single or multi-stranded       2x (0, 5 1, 5 mm <sup>3</sup> ), 2x (0, 75 2.5       - single or multi-stranded         - single or multi-stranded       2x (0, 5 1, 5 mm <sup>3</sup> ), 2x (0, 75 2.5       - finely stranded with core end processing       2x (2 0 16), 2x (18 14), 2x 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | surface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5° on vertical mounting surfacesurface; can be tilled forward and backward by +/<br>22.5°surface; can be tilled forward and backward by +/<br>as an and an antiperiod backward by +/<br>22.5°surface; can be tilled forward and backward by +/<br>as antiperiod backward by +/<br>as antiperiod backward by +/<br>as antiperiod backward by +/<br>as antiperiod backward backward by +/<br>as antiperiod backward backward by +/<br>as ant                                                                                                                         |
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| Mounting type       22.5° on vertical mounting surface         Mounting type       screw and snap-on mounting on to a mounting rail according to DIN EN         Height       mm       114         Width       mm       65         Depth       mm       130         Required spacing       mm       10         • with side-by-side mounting       mm       10         - at the side       mm       10         • for grounded parts       mm       10         - at the side       mm       10         • for grounded parts       mm       10         - at the side       mm       10         • for grounded parts       mm       10         • for grounded parts       mm       10         • for auxiliary and control current circuit       screw-type terminals         • for auxiliary and control current circuit       screw-type terminals         • for auxiliary contacts       2x (0.75 16 mm²)         - solid       2x (1 35 mm²), 1x (1 6 50 mm²)         - single or multi-stranded       2x (0, 5 1.5 mm²), 2x (0.75 2.5         - single or multi-stranded       2x (0, 5 1.5 mm²), 2x (0.75 2.5         - single or multi-stranded       2x (0, 5 15 mm²), 2x (0.75 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | unting type22.5° on vertical mounting surfacescrew and snap-on mounting onto 35 mm standar<br>mounting rail according to DIN EN 50022ightmmdthmmdthmmdthmmdthmmquired spacingmm• with side-by-side mounting<br>- at the sidemm- at the sidemm• for grounded parts<br>- at the sidemm- at the sidemm• for grounded parts<br>- at the sidemm10• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for main controls2x (0.75 16 mm²)- solid2x (1 35 mm²), 1x (1 50 mm²)- single or multi-stranded<br>- single or multi-stranded<br>- finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Mounting type       screw and snap-on mounting on to mounting rail according to DIN EN mountis at AC-6b mounting railed dita: <th>unting typescrew and snap-on mounting onto 35 mm standard<br/>mounting rail according to DIN EN 50022ightmm114dthmm65pthmm130quired spacingwith side-by-side mounting<br/>- at the sidemm10• of or grounded parts<br/>- at the sidemm10• for grounded parts<br/>- at the sidemm10• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for main contracts<br/>- solid<br/>- stranded2x (0.75 16 mm²)<br/>2x (16 35 mm²), 1x (16 50 mm²)<br/>2x (1 25 mm²), 1x (1 50 mm²)</th> | unting typescrew and snap-on mounting onto 35 mm standard<br>mounting rail according to DIN EN 50022ightmm114dthmm65pthmm130quired spacingwith side-by-side mounting<br>- at the sidemm10• of or grounded parts<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for main contracts<br>- solid<br>- stranded2x (0.75 16 mm²)<br>2x (16 35 mm²), 1x (16 50 mm²)<br>2x (1 25 mm²), 1x (1 50 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Height       mounting rail according to DIN EN         Height       mm       114         Width       mm       65         Depth       mm       130         Required spacing       • with side-by-side mounting       mm       130         - at the side       mm       10       •         • for grounded parts       mm       10       •         - at the side       mm       10       •         • for grounded parts       mm       10       •         • at the side       mm       10       •         • for grounded parts       mm       10       •         • or grounded parts       mm       10       •         • or auxiliary and control current circuit       screw-type terminals       •         Type of connectable conductor cross-section       •       for main contacts       2x (0.75 16 mm²)         - solid       2x (0.5 15 mm²), 1x (1 50 mm²)       2x (1 35 mm²), 1x (1 50 mm²)       2x (1 35 mm²), 1x (1 50 mm²)         • for auxiliary contacts       -       solid       2x (0.5 1.5 mm²), 2x (0.75 2.5         - single or multi-stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5       2x (0.5 1.5 mm²), 2x (0.75 2.5         - single or mu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | inductionmounting rail according to DIN EN 50022ightmm114dthmm65pthmm130quired spacingmm130• with side-by-side mountingmm10- at the sidemm10• for grounded partsmm10- at the sidemm10• for grounded partsmm10- at the sidemm10• for grounded partsscrew-type terminals- at the sidemm10• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts- solid- solid2x (0.75 16 mm²)- stranded2x (1 35 mm²), 1x (1 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)- finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Heightmm114Widthmm65Depthmm130Required spacing<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ightmm114dthmm65pthmm130quired spacingmm130• with side-by-side mountingmm10- at the sidemm10• for grounded partsmm10- at the sidemm10• for grounded partsmm10- at the sidemm10Inections/ Terminals:rections/ Terminals:pe of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts2x (0.75 16 mm²)- stranded2x (1 35 mm²), 1x (1 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)- finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Withmm65Depthmm130Required spacing<br>- at the sidemm130• for grounded parts<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts<br>- solid<br>- stranded<br>- single or multi-stranded<br>- finely stranded with core end processing<br>• for auxiliary contacts<br>- solid2x (0.75 16 mm²)<br>2x (16 35 mm²), 1x (16 50 mm²<br>2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 25 mm²), 1x (1 35 mm²)• for auxiliary contacts<br>- single or multi-stranded<br>- single or multi-stranded<br>- finely stranded with core end processing<br>• for AWG conductors for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5<br>2x (20 16), 2x (18 14), 2x 12Type of minimum connectable cross-section for main<br>contacts at AC-8b<br>• at 40 °C<br>• at 60 °C1x 50 mm²<br>2x 35 mm²iafety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dthmm65pthmm130quired spacingmm130• with side-by-side mounting<br>- at the sidemm10• for grounded parts<br>- at the sidescrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts<br>- solid<br>- stranded<br>- single or multi-stranded<br>- finely stranded with core end processing2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Depthmm130Required spacing<br>• with side-by-side mounting<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• ornections/ Terminals:mm10Connections/ Terminals:Type of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminalsType of connectable conductor cross-sectionscrew-type terminals• for main contracts<br>- solid<br>- stranded2x (10.75 16 mm²)<br>2x (11 35 mm²), 1x (16 50 mm²)<br>2x (11 35 mm²), 1x (11 50 mm²)<br>2x (11 25 mm²), 1x (11 50 mm²)<br>2x (0.75 1,5 mm²), 2x (0.75 2,5<br>2x (0,5 1,5 mm²), 2x (0.75 2,5<br>2x (0,5 1,5 mm²), 2x (0,75 2,5<br>2x (0,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | pthmm130quired spacingmm130• with side-by-side mounting<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for auxiliary and control current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts<br>- solid<br>- stranded<br>- single or multi-stranded<br>- finely stranded with core end processing2x (1 35 mm²), 1x (1 35 mm²)• mm2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Required spacing<br>• with side-by-side mounting<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for grounded parts<br>- at the sidemm10• for grounded partsmm10• at the sidemm10Connections/ Terminals:screw-type terminalsType of electrical connection<br>• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminalsType of connectable conductor cross-section<br>• for main contacts<br>- solid<br>- stranded2x (0.75 16 mm²)<br>2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 35 mm²), 1x (1 50 mm²)<br>2x (1 25 mm²), 1x (1 35 mm²)<br>2x (0.5 1.5 mm²), 2x (0.75 2.5<br>2x (0.5 1.5 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | quired spacingmm10• with side-by-side mountingmm10- at the sidemm10• for grounded partsmm10- at the sidemm10• at the sidemm10• at the sidemm10• at the sidemm10• constructions/ Terminals:screw-type terminals• pe of electrical connectionscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts2x (0.75 16 mm²)- standed2x (1 35 mm²), 1x (16 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)- finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul> <li>with side-by-side mounting         <ul> <li>at the side</li> <li>for grounded parts</li> <li>at the side</li> <li>mm</li> <li>10</li> </ul> </li> <li>connections/ Terminals:         <ul> <li>Type of electrical connection</li> <li>for main current circuit</li> <li>for auxiliary and control current circuit</li> <li>screw-type terminals</li> <li>screw-type terminals</li> </ul> </li> <li>Type of connectable conductor cross-section         <ul> <li>for main contacts</li> <li>solid</li> <li>stranded</li> <li>stranded</li> <li>single or multi-stranded</li> <li>single</li></ul></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul> <li>with side-by-side mounting         <ul> <li>at the side</li> <li>for grounded parts</li> <li>at the side</li> <li>mm</li> <li>10</li> </ul> </li> <li>for grounded parts</li> <li>at the side</li> <li>mm</li> <li>10</li> </ul> Interctions/ Terminals: pe of electrical connection <ul> <li>for main current circuit</li> <li>for auxiliary and control current circuit</li> </ul> screw-type terminals e of connectable conductor cross-section <ul> <li>for main contacts</li> <li>– solid</li> <li>– stranded</li> <li>– stranded</li> <li>– single or multi-stranded</li> <li>– finely stranded with core end processing</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| at the sidemm10• for grounded parts<br>at the sidemm10• at the sidemm10Connections/ Terminals:mm10Connections/ Terminals:screw-type terminals• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminalsType of connectable conductor cross-sectionscrew-type terminals• for main contacts<br>- solid2x (0.75 16 mm²)- stranded2x (16 35 mm²), 1x (16 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)• for auxiliary contacts<br>- solid2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded<br>- solid2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded<br>- single or multi-stranded<br>- single or multi-stranded<br>- solid2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded<br>- single o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | at the sidemm10• for grounded parts<br>at the sidemm10• at the sidemm10• nections/ Terminals:pe of electrical connection• screw-type terminals• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts- solid- solid2x (0.75 16 mm²)- stranded2x (1 35 mm²), 1x (16 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 35 mm²)- finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| • for grounded parts<br>— a the side         mm         10           Connections/ Terminals:         mm         10           Connections/ Terminals:         screw-type terminals<br>screw-type terminals           • for main current circuit         screw-type terminals           • for main current circuit         screw-type terminals           • for main control current circuit         screw-type terminals           Type of connectable conductor cross-section         • for main contacts           - solid         2x (0.75 16 mm²)           - stranded         2x (16 35 mm²), 1x (16 50 mm²)           - single or multi-stranded         2x (1 35 mm²), 1x (1 50 mm²)           • for auxiliary contacts         2x (0.5 1.5 mm²), 2x (0.75 2.5           - solid         2x (0.5 1.5 mm²), 2x (0.75 2.5           - single or multi-stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5           - single or multi-stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5           - single or multi-stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5           - finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5           - finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5           - finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | • for grounded parts<br>— at the sidemm10• nections/ Terminals:pe of electrical connection<br>• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals• for main contacts<br>— solid2x (0.75 16 mm²)• stranded2x (16 35 mm²), 1x (16 50 mm²)- single or multi-stranded<br>— finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| — at the sidemm10Connections/ Terminals:Type of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminalsType of connectable conductor cross-sectionscrew-type terminals• for main contacts- solid- solid2x (0.75 16 mm²)- stranded2x (16 35 mm²), 1x (16 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- solid2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded2x (0.5 1.5 mm²), 2x (0.75 2.5- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- at 40 °C1x 50 mm²- at 40 °C2x 35 mm²- at 60 °C2x 35 mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | at the sidemm10Interctions/ Terminals:pe of electrical connection• for main current circuit• for auxiliary and control current circuit• for auxiliary and control current circuitpe of connectable conductor cross-section• for main contacts solid stranded single or multi-stranded finely stranded with core end processing finely stranded with core end processing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Connections/ Terminals:         Type of electrical connection         • for main current circuit         • for auxiliary and control current circuit         Type of connectable conductor cross-section         • for main contacts         - solid         - stranded         - single or multi-stranded         - finely stranded with core end processing         • for AWG conductors for auxiliary contacts         - finely stranded with core end processing         • for AWG conductors for auxiliary contacts         - stat 40 °C         • at 40 °C         • at 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Innections/ Terminals:         pe of electrical connection         • for main current circuit         • for auxiliary and control current circuit         pe of connectable conductor cross-section         • for main contacts         - solid         2x (0.75 16 mm²)         - stranded         2x (16 35 mm²), 1x (16 50 mm²)         - single or multi-stranded         - finely stranded with core end processing         2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Type of electrical connectionscrew-type terminals• for main current circuitscrew-type terminalsType of connectable conductor cross-sectionscrew-type terminals• for main contacts- solid- solid2x (0.75 16 mm²)- stranded2x (1 35 mm²), 1x (1 6 50 mm²)- single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 1x (1 50 mm²)• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5- solid2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded2x (0.5 1.5 mm²), 2x (0.75 2.5- single or multi-stranded2x (0.5 1.5 mm²), 2x (0.75 2.5- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5- for AWG conductors for auxiliary contacts2x (20 16), 2x (18 14), 2x 12Type of minimum connectable cross-section for main contacts at AC-6b1x 50 mm²• at 40 °C1x 50 mm²• at 60 °C2x 35 mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | pe of electrical connectionscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control current circuitscrew-type terminals <b>pe of connectable conductor cross-section</b> • for main contacts2x (0.75 16 mm²)— solid2x (16 35 mm²), 1x (16 50 mm²)— single or multi-stranded2x (1 35 mm²), 1x (1 50 mm²)— finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <ul> <li>for auxiliary and control current circuit</li> <li>Type of connectable conductor cross-section         <ul> <li>for main contacts</li> <li>solid</li> <li>stranded</li> <li>stranded</li> <li>single or multi-stranded</li> <li>for auxiliary contacts</li> <li>solid</li> <li>for auxiliary contacts</li> <li>solid</li> <li>single or multi-stranded</li> <li>for auxiliary contacts</li> <li>solid</li> <li>single or multi-stranded</li> <li>for auxiliary contacts</li> <li>single or multi-stranded</li> <li>sing</li></ul></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul> <li>for main current circuit</li> <li>for auxiliary and control current circuit</li> <li>for auxiliary and control current circuit</li> <li>screw-type terminals</li> <li>screw-type term</li></ul> |
| <ul> <li>for auxiliary and control current circuit</li> <li>Type of connectable conductor cross-section         <ul> <li>for main contacts</li> <li>solid</li> <li>stranded</li> <li>stranded</li> <li>single or multi-stranded</li> <li>for auxiliary contacts</li> <li>solid</li> <li>for auxiliary contacts</li> <li>solid</li> <li>single or multi-stranded</li> <li>for auxiliary contacts</li> <li>solid</li> <li>for auxiliary contacts</li> <li>single or multi-stranded</li> <li>for AWG conductors for auxiliary contacts</li> <li>for AWG conductors for auxiliary contacts</li> <li>at 40 °C</li> <li>at 40 °C</li> <li>at 40 °C</li> <li>at 60 °C</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <ul> <li>for auxiliary and control current circuit</li> <li>for auxiliary and control current circuit</li> <li>screw-type terminals</li> <li>screw-type terminals</li> <li>for main contacts <ul> <li>solid</li> <li>2x (0.75 16 mm<sup>2</sup>)</li> <li>stranded</li> <li>2x (16 35 mm<sup>2</sup>), 1x (16 50 mm<sup>2</sup>)</li> <li>single or multi-stranded</li> <li>2x (1 35 mm<sup>2</sup>), 1x (1 50 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>2x (1 25 mm<sup>2</sup>), 1x (1 35 mm<sup>2</sup>)</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Type of connectable conductor cross-section• for main contacts- solid- stranded- single or multi-stranded- finely stranded with core end processing• for auxiliary contacts- solid- solid- single or multi-stranded- finely stranded with core end processing- for AWG conductors for auxiliary contacts2x (20 16), 2x (18 14), 2x 12Type of minimum connectable cross-section for main<br>contacts at AC-6b• at 40 °C• at 40 °C• at 60 °C2x 35 mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | pe of connectable conductor cross-section• for main contacts- solid- solid- stranded- single or multi-stranded- finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <ul> <li>for main contacts         <ul> <li>solid</li> <li>stranded</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> </ul> <ul> <li>for auxiliary contacts</li> <li>solid</li> <li>2x (0.75 16 mm<sup>2</sup>)</li> <li>2x (16 35 mm<sup>2</sup>), 1x (16 50 mm<sup>2</sup>)</li> <li>2x (1 35 mm<sup>2</sup>), 1x (1 50 mm<sup>2</sup>)</li> <li>2x (1 25 mm<sup>2</sup>), 1x (1 50 mm<sup>2</sup>)</li> <li>2x (1 25 mm<sup>2</sup>), 1x (1 35 mm<sup>2</sup>)</li> </ul> </li> <li>for auxiliary contacts         <ul> <li>solid</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5</li> <li>2x (20 16), 2x (18 14), 2x 12</li> </ul> </li> <li>Type of minimum connectable cross-section for main contacts at AC-6b         <ul> <li>at 40 °C</li> <li>at 60 °C</li> <li>2x 35 mm<sup>2</sup></li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | • for main contacts       2x (0.75 16 mm²)         - solid       2x (0.75 16 mm²)         - stranded       2x (16 35 mm²), 1x (16 50 mm²)         - single or multi-stranded       2x (1 35 mm²), 1x (1 50 mm²)         - finely stranded with core end processing       2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <ul> <li>solid</li> <li>stranded</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>solid</li> <li>single or multi-stranded</li> <li>a solid</li> <li>2x (0.75 16 mm<sup>2</sup>)</li> <li>2x (1 35 mm<sup>2</sup>), 1x (1 50 mm<sup>2</sup>)</li> <li>2x (1 35 mm<sup>2</sup>), 1x (1 50 mm<sup>2</sup>)</li> <li>2x (1 25 mm<sup>2</sup>), 1x (1 35 mm<sup>2</sup>)</li> <li>e for auxiliary contacts</li> <li>a solid</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5</li> <li>2x (20 16), 2x (18 14), 2x 12</li> </ul> Type of minimum connectable cross-section for main contacts at AC-6b <ul> <li>at 40 °C</li> <li>at 60 °C</li> </ul> Type lated data:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | solid       2x (0.75 16 mm²)         stranded       2x (16 35 mm²), 1x (16 50 mm²)         single or multi-stranded       2x (1 35 mm²), 1x (1 50 mm²)         finely stranded with core end processing       2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <ul> <li>stranded</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>solid</li> <li>finely stranded with core end processing</li> <li>a solid</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> <li>for AWG conductors for auxiliary contacts</li> <li>for AWG conductors for auxiliary contacts</li> <li>at 40 °C</li> <li>at 40 °C</li> <li>at 60 °C</li> <li>at 60 °C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | — stranded       2x (16 35 mm²), 1x (16 50 mm²)         — single or multi-stranded       2x (1 35 mm²), 1x (1 50 mm²)         — finely stranded with core end processing       2x (1 25 mm²), 1x (1 35 mm²)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <ul> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>solid</li> <li>2x (1 35 mm<sup>2</sup>), 1x (1 35 mm<sup>2</sup>)</li> <li>2x (1 25 mm<sup>2</sup>), 1x (1 35 mm<sup>2</sup>)</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5</li> <li>single or multi-stranded</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> <li>Type of minimum connectable cross-section for main contacts at AC-6b</li> <li>at 40 °C</li> <li>at 60 °C</li> <li>2x 35 mm<sup>2</sup></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | — single or multi-stranded $2x (1 \dots 35 \text{ mm}^2), 1x (1 \dots 50 \text{ mm}^2)$ — finely stranded with core end processing $2x (1 \dots 25 \text{ mm}^2), 1x (1 \dots 35 \text{ mm}^2)$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul> <li>finely stranded with core end processing</li> <li>for auxiliary contacts         <ul> <li>solid</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> </ul> </li> <li>Type of minimum connectable cross-section for main contacts at AC-6b         <ul> <li>at 40 °C</li> <li>at 60 °C</li> </ul> </li> <li>Cafety related data:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul> <li>finely stranded with core end processing</li> <li>2x (1 25 mm<sup>2</sup>), 1x (1 35 mm<sup>2</sup>)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <ul> <li>for auxiliary contacts         <ul> <li>solid</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> </ul> </li> <li>Type of minimum connectable cross-section for main contacts at AC-6b         <ul> <li>at 40 °C</li> <li>at 60 °C</li> </ul> </li> <li>Trafety related data:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul> <li>for auxiliary contacts         <ul> <li>solid</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> </ul> </li> <li>Type of minimum connectable cross-section for main contacts at AC-6b         <ul> <li>at 40 °C</li> <li>at 60 °C</li> </ul> </li> <li>Cafety related data:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul> <li>solid</li> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> <li>Type of minimum connectable cross-section for main contacts at AC-6b</li> <li>at 40 °C</li> <li>at 60 °C</li> <li>at 60 °C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul> <li>single or multi-stranded</li> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> <li>Type of minimum connectable cross-section for main contacts at AC-6b</li> <li>at 40 °C</li> <li>at 60 °C</li> <li>at 60 °C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | — solid 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <ul> <li>finely stranded with core end processing</li> <li>for AWG conductors for auxiliary contacts</li> <li>Type of minimum connectable cross-section for main contacts at AC-6b</li> <li>at 40 °C</li> <li>at 60 °C</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 2x (20 16), 2x (18 14), 2x 12</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul> <li>for AWG conductors for auxiliary contacts</li> <li>Type of minimum connectable cross-section for main contacts at AC-6b         <ul> <li>at 40 °C</li> <li>at 60 °C</li> <li>2x (20 16), 2x (18 14), 2x 12</li> </ul> </li> <li>Fragmentation of the section of the</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Type of minimum connectable cross-section for main<br>contacts at AC-6b<br>• at 40 °C<br>• at 60 °C<br>Safety related data:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| contacts at AC-6b     1x 50 mm²       • at 40 °C     1x 50 mm²       • at 60 °C     2x 35 mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| • at 60 °C     2x 35 mm <sup>2</sup> Cafety related data:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Safety related data:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | • at 40 °C 1x 50 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | • at 60 °C 2x 35 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| FIGURE UNCOON MUTTOR CONTACT ACC. TO THE DUMA/-4-1 NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Protection against electrical shock finger-safe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Size of contactor                               |    | S2      |
|-------------------------------------------------|----|---------|
| Ambient conditions:                             |    |         |
| Installation altitude at height above sea level | m  | 2 000   |
| maximum                                         |    |         |
| Ambient temperature                             |    |         |
| <ul> <li>during operation</li> </ul>            | °C | -25 +60 |
| <ul> <li>during storage</li> </ul>              | °C | -55 +80 |
|                                                 | _  |         |
| Certificates/ approvals:                        | U  | -55 700 |

### annouico, uppi

| General Product Approval | other                       |
|--------------------------|-----------------------------|
| SP EAL                   | Environmental Confirmations |

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

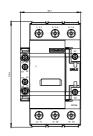
Industry Mall (Online ordering system) http://www.siemens.com/industrymall

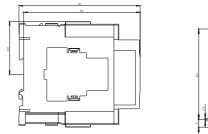
#### Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT26371AB05

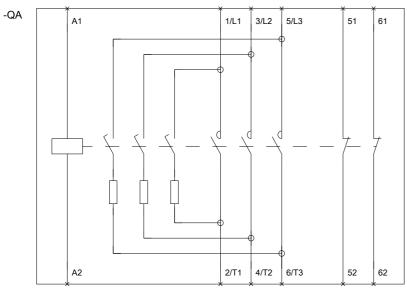
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT26371AB05/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT26371AB05&lang=en









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11.03.2015