

AUX. SWITCH BLOCK ,  
1NO+1NC COND. PATHS: 1NC,  
1NO F. CONT. RELAYS A. MOTOR CONT. SZ S00 AND  
S0,  
SCREW TERMINAL

### General technical data:

|  |    |  |
|--|----|--|
| <b>Product brand name</b>  |    | SIRIUS   |
| <b>Product designation</b>   |    | auxiliary switch can be snapped onto the front side                                |
| <b>Acceptability for application</b>                                       |    | Contactor relay and power contactor  |
| <b>Size of the contactor</b>   |    | S00  |
| <b>Protection class IP / frontal/front side</b>                            |    | IP20   |
| <b>Ambient temperature</b>   |    |  |
| • during storage   | °C | -55 ... 80   |
| • during the operating phase   | °C | -25 ... 60   |
| <b>Mechanical operating cycles as operating time</b>                       |    |  |
| • typical  |    | 10,000,000   |
| <b>Electrical operating cycles as operating time / at AC-15 / at 230 V</b> |    |  |
| • typical  |    | 200,000  |
| <b>Contact reliability</b>   |    | one incorrect switching operation of 100 million switching operations (17 V, 5 mA) |
| <b>Contact reliability / of the auxiliary contacts</b>                     |    | one incorrect switching operation of 100 million switching operations (17 V, 5 mA) |
| <b>Insulation voltage / with degree of pollution 3</b>                     |    |  |
| • rated value  | V  | 690  |
| <b>Impulse voltage resistance</b>  |    |  |
| • rated value  | kV | 6  |

### Auxiliary circuit:

|  |  |   |
|--|--|---|
| <b>Number of NC contacts / for auxiliary contacts</b>            |  |   |
| • instantaneous switching  |  | 1 |
| • lagging switching  |  | 0 |
| <b>Number of NO contacts / for auxiliary contact</b>             |  |   |
| • instantaneous switching  |  | 1 |
| • leading switching  |  | 0 |
| <b>Number of changeover contacts / of the auxiliary contacts</b> |  |   |
| • non-delayed  |  | 0 |

| Operating current / of the auxiliary contacts |   |     |
|---|---|-----|
| • at AC-12                                    |   |     |
| • at 24 V                                     | A | 6   |
| • at 230 V                                    | A | 6   |
| • at 400 V                                    | A | 6   |
| • at 690 V                                    | A | 6   |
| • maximum                                     | A | 6   |
| • at AC-14                                    |   |     |
| • at 125 V                                    | A | 6   |
| • at 250 V                                    | A | 6   |
| • at AC-15                                    |   |     |
| • at 24 V                                     | A | 6   |
| • at 230 V                                    | A | 6   |
| • at 690 V                                    | A | 1   |
| • at 400 V                                    | A | 3   |
| • at DC-13                                    |   |     |
| • at 24 V                                     | A | 10  |
| • at 48 V                                     | A | 2   |
| • at 60 V                                     | A | 2   |
| • at 110 V                                    | A | 1   |
| • at 125 V                                    | A | 0.9 |
| • at 220 V                                    | A | 0.3 |
| • at 250 V                                    | A | 0.3 |

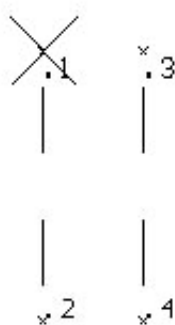
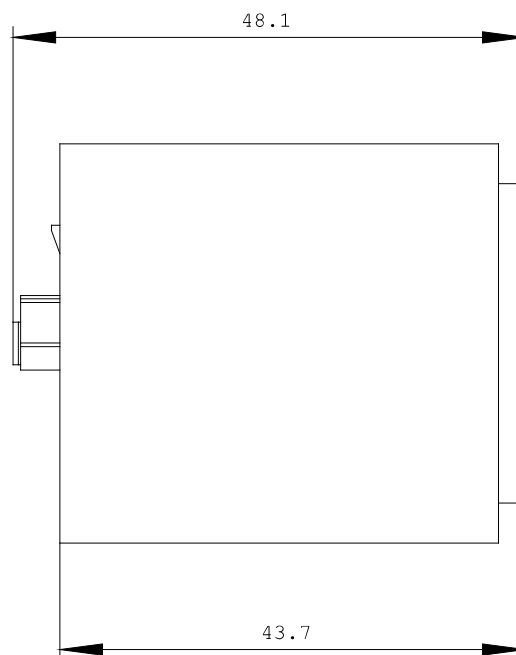
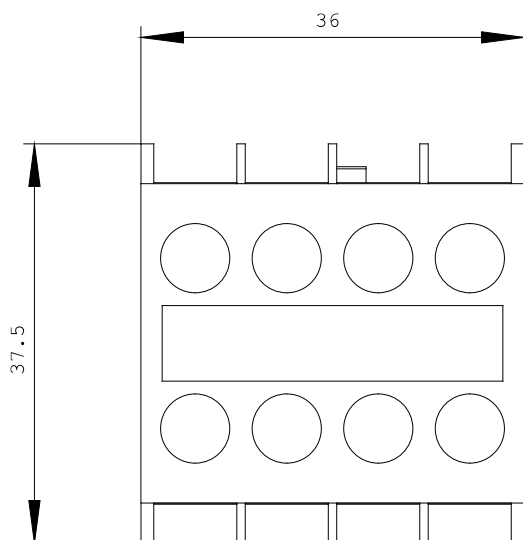
#### Installation/mounting/dimensions:

|                         |    |                  |
|-------------------------|----|------------------|
| Type of fixing/fixation |    | snap-on mounting |
| Width                   | mm | 36               |
| Height                  | mm | 37.5             |
| Depth                   | mm | 43.7             |

#### Connections:

|   |  |   |
|---|--|---|
| design of the electrical connection           |  |   |
| • for auxiliary and control current circuit   |  | screw-type terminals  |
| Type of connectable conductor cross section   |  |   |
| • for auxiliary contact                       |  |   |
| • solid                                       |  | 2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| • stranded wire                               |  |   |
| • with wire end processing                    |  | 2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| • for AWG conductors / for auxiliary contacts |  | 2x (20 ... 16), 2x (18 ... 14)  |

#### Certificates/approvals:

**Further information:****Information- and Downloadcenter (Catalogs, Brochures,...)**<http://www.siemens.com/industrial-controls/catalogs>**Global Industry Mall (Online ordering system)**<http://www.siemens.com/industrial-controls/mall>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3RH2911-1HA11/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH2911-1HA11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1HA11)**last change:**

May 4, 2010