

AUX. SWITCH BLOCK ,  
4NO COND. PATHS: 1NO, 1NO, 1NO,  
1NO F. CONT. RELAYS A. MOTOR CONT. SZ S00 AND  
S0,

### 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>                                       |    | Contact 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                                        |  | 0 |
| • lagging switching                                              |  | 0 |
| <b>Number of NO contacts / for auxiliary contact</b>             |  |   |
| • instantaneous switching                                        |  | 4 |
| • leading switching                                              |  | 0 |
| <b>Number of changeover contacts / of the auxiliary contacts</b> |  |   |
| • non-delayed                                                    |  | 0 |
| <b>Operating current / of the auxiliary contacts</b>             |  |   |

- at AC-12
  - at 24 V
  - at 230 V
  - at 400 V
  - at 690 V
  - maximum
- at AC-14
  - at 125 V
  - at 250 V
- at AC-15
  - at 24 V
  - at 230 V
  - at 690 V
  - at 400 V
- at DC-13
  - at 24 V
  - at 48 V
  - at 60 V
  - at 110 V
  - at 125 V
  - at 220 V
  - at 250 V

|   |     |
|---|-----|
| A | 6   |
| A | 6   |
| A | 6   |
| A | 6   |
| A | 6   |
| A | 6   |
| A | 6   |
| A | 6   |
| A | 6   |
| A | 1   |
| A | 3   |
| A | 10  |
| A | 2   |
| A | 2   |
| A | 1   |
| A | 0.9 |
| A | 0.3 |
| A | 0.3 |

#### Installation/mounting/dimensions:

##### Type of fixing/fixation

snap-on mounting

##### Width

mm

36

##### Height

mm

41.5

##### Depth

mm

66

#### Connections:

##### design of the electrical connection

- for auxiliary and control current circuit

spring-loaded terminals

##### Type of connectable conductor cross section

- for auxiliary contact
  - solid
  - stranded wire
    - with wire end processing
    - without conductor final cutting
- for AWG conductors / for auxiliary contacts

2x (0.5 ... 2.5 mm<sup>2</sup>)

2x (0.5 ... 1.5 mm<sup>2</sup>)

2 x (0.5 ... 1.5 mm<sup>2</sup>)

2x (20 ... 14)

#### Certificates/approvals:

## Further information:

## Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

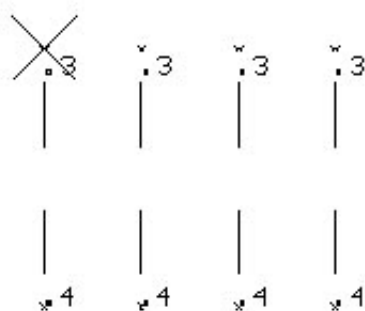
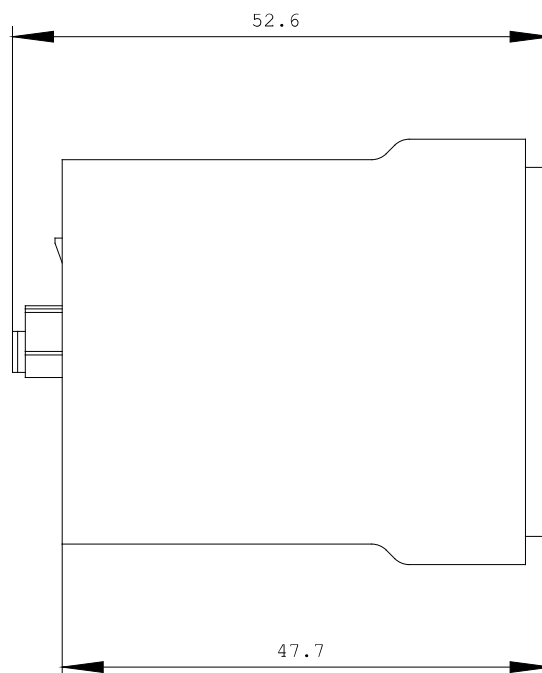
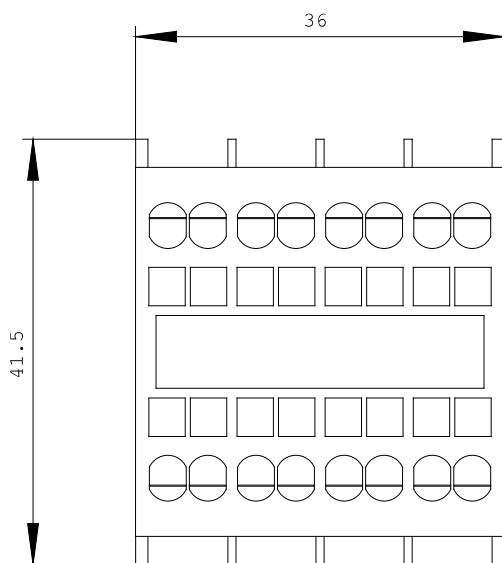
## Global Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-2FA40/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH2911-2FA40](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-2FA40)

last change:

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