

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

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

| Auxiliary circuit:                                        |  |   |
|-----------------------------------------------------------|--|---|
| Number of NC contacts / for auxiliary contacts            |  |   |
| • instantaneous switching                                 |  | 0 |
| • lagging switching                                       |  | 0 |
| Number of NO contacts / for auxiliary contact             |  |   |
| • instantaneous switching                                 |  | 1 |
| • leading switching                                       |  | 0 |
| Number of changeover contacts / of the auxiliary contacts |  |   |
| • non-delayed                                             |  | 0 |
| Operating current / of the auxiliary contacts             |  |   |

- 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 | 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

23.6

##### Height

mm

27.5

##### Depth

mm

38.6

#### 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
  - stranded wire
    - with wire end processing
- for AWG conductors / for auxiliary contacts

2x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.75 ... 2.5 mm<sup>2</sup>)

2x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.75 ... 2.5 mm<sup>2</sup>)

2x (20 ... 16), 2x (18 ... 14)

#### Certificates/approvals:

##### verification of suitability

CE / UL / CSA / CCC

#### Further information:

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

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

**Global Industry Mall (Online ordering system)**

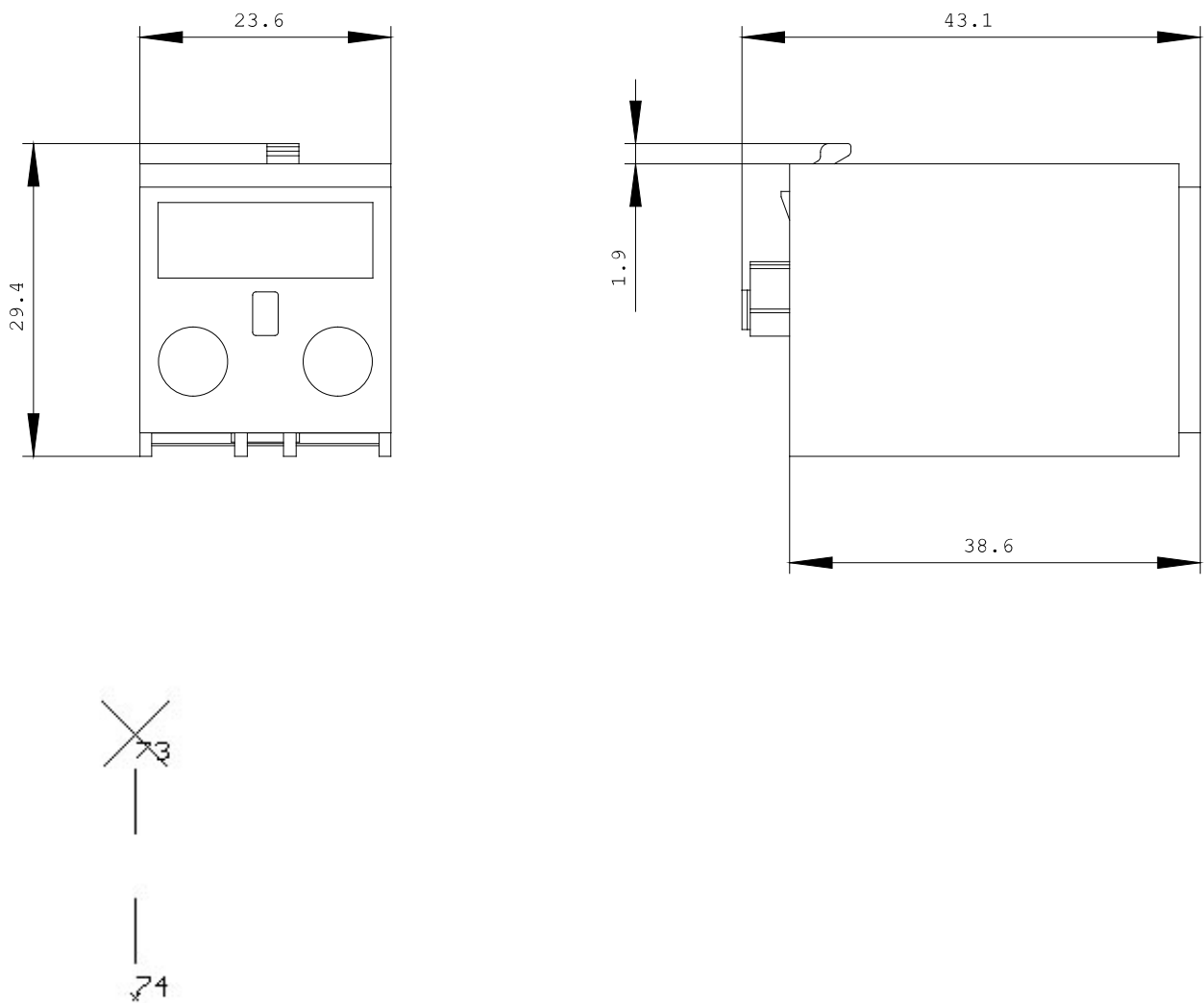
<http://www.siemens.com/industrial-controls/mall>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-1BA10/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH2911-1BA10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1BA10)



**last change:**

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