

| 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>  |    |  |



## Connections:

### Design of the electrical connection

- for auxiliary and control current circuit

screw-type terminals

### Type of connectable conductor cross section

- for auxiliary contacts
  - solid
  - finely stranded
    - 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)

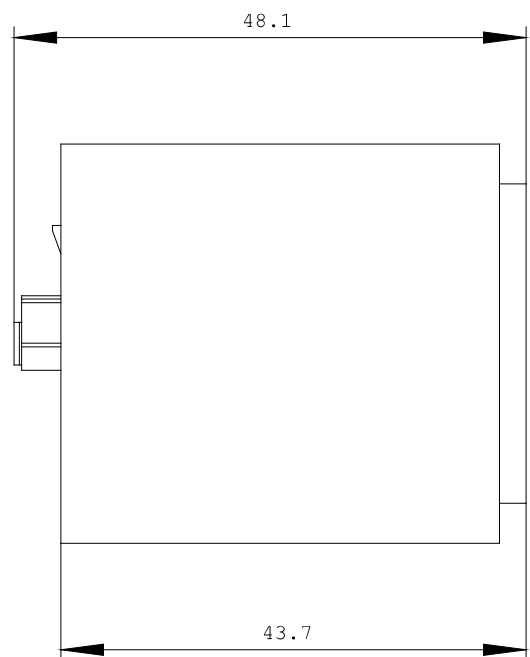
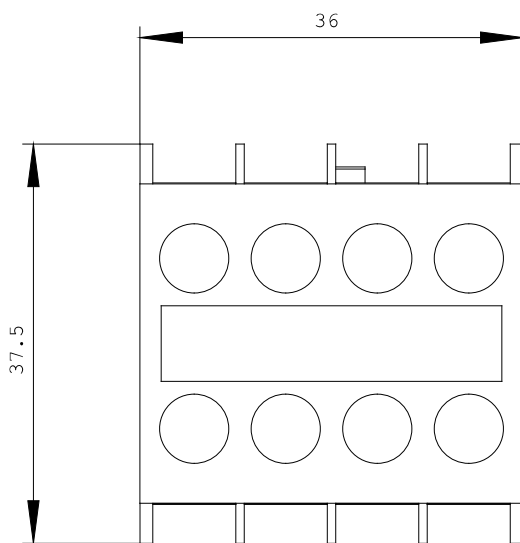
<http://www.siemens.com/industrial-controls/mall>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-1GA22/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH2911-1GA22](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1GA22)



~~53~~

<sup>x</sup>61

<sup>x</sup>71

<sup>x</sup>83

|  
54

|  
62

|  
72

|  
84

last change:

Aug 16, 2010