

AUX. SWITCH BLOCK ,  
 3NO+1NC COND. PATHS: 1NO, 1NC, 1NO,  
 1NO, FOR CONTACTOR RELAYS SZ S00,  
 SCREW TERMINAL DIN EN 50011

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
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### Auxiliary circuit:

#### Number of NC contacts / for auxiliary contacts

- instantaneous switching
- lagging switching

	1
	0

#### Number of NO contacts / for auxiliary contacts

- instantaneous switching
- leading switching

	3
	0

#### Number of changeover contacts / of the auxiliary contacts

- non-delayed

	0
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#### 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	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
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#### Width

mm	36
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#### Height

mm	37.5
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#### Depth

mm	43.7
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## 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)

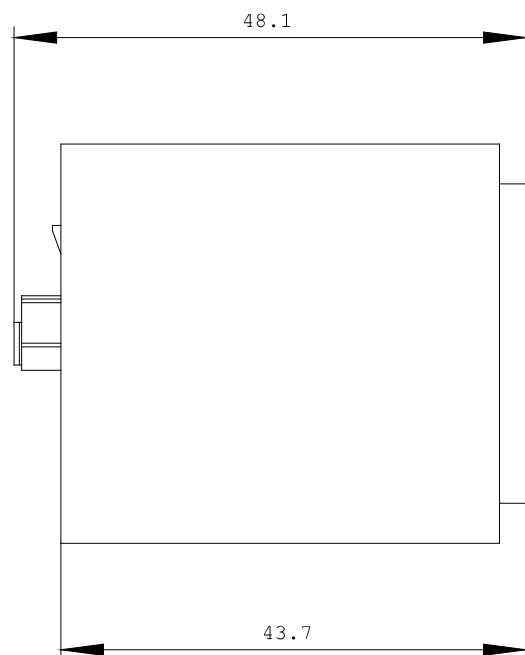
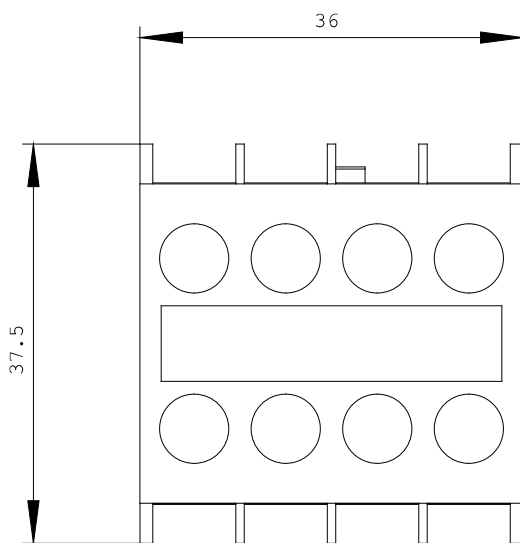
<http://www.siemens.com/industrial-controls/mall>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-1GA31/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH2911-1GA31](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1GA31)



~~53~~

<sup>x</sup>61

<sup>x</sup>73

<sup>x</sup>83

54

62

74

84

last change:

Aug 16, 2010