

AUX. SWITCH BLOCK ,  
 3NO+1NC COND. PATHS: 1NC, 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>		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		3
• 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:

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

#### Connections:

<b>design of the electrical connection</b>		
<ul style="list-style-type: none"> <li>• for auxiliary and control current circuit</li> </ul>		screw-type terminals
<b>Type of connectable conductor cross section</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contact           <ul style="list-style-type: none"> <li>• solid</li> <li>• stranded wire               <ul style="list-style-type: none"> <li>• with wire end processing</li> </ul> </li> </ul> </li> <li>• for AWG conductors / for auxiliary contacts</li> </ul>		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:

<b>verification of suitability</b>		CE / UL / CSA / CCC
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Further information:

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

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

Global Industry Mall (Online ordering system)

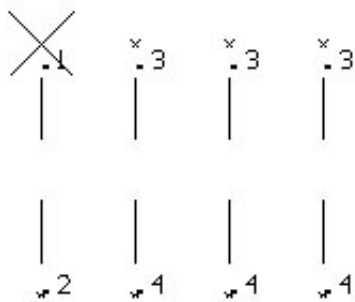
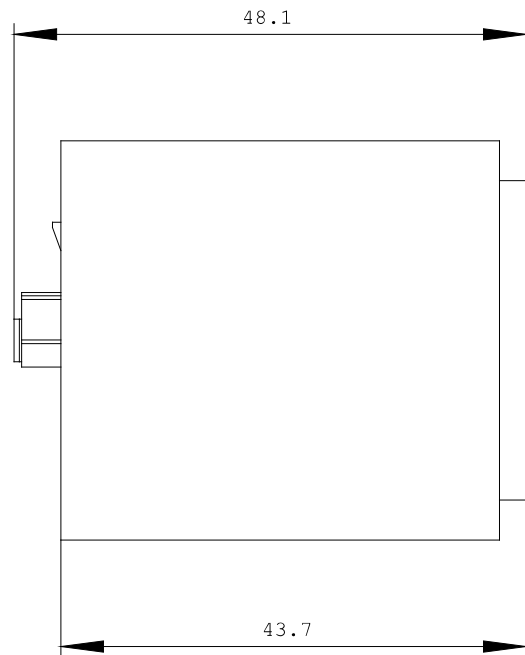
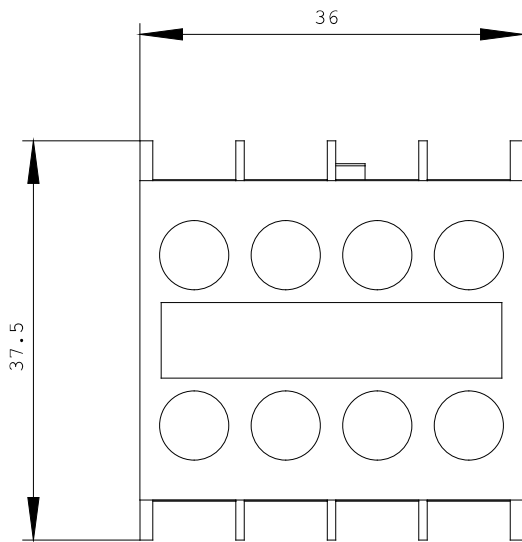
<http://www.siemens.com/industrial-controls/mall>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-1HA31/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH2911-1HA31](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1HA31)



last change:

May 4, 2010