

AUXILIARY SWITCH BLOCK, 11, 1NO+1NC,  
1U, DIN EN50005, CAGE CLAMP CONNECTION,  
F. CONTACTOR RELAYS A. CONTACT. FOR SWITCHING  
MOTORS,  
SIZE S00

General technical data:		
product brand name		SIRIUS
Acceptability for application		Contactor relay and power contactor
Protection class IP / on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operating	°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		1 faulty switching per 100 million (17 V, 1 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		1
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		0
• leading switching		1
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		

<ul style="list-style-type: none"> <li>• of the auxiliary contacts               <ul style="list-style-type: none"> <li>• at AC-14                   <ul style="list-style-type: none"> <li>• at 125 V</li> <li>• at 250 V</li> </ul> </li> <li>• at AC-15                   <ul style="list-style-type: none"> <li>• at 24 V</li> <li>• at 230 V</li> <li>• at 400 V</li> </ul> </li> </ul> </li> <li>• at AC-15 / at 690 V</li> </ul>	<ul style="list-style-type: none"> <li>A</li> <li>A</li> <li>A</li> <li>A</li> <li>A</li> <li>A</li> </ul>	<ul style="list-style-type: none"> <li>6</li> <li>6</li> <li>6</li> <li>6</li> <li>3</li> <li>1</li> </ul>
<b>Operating current</b>		
<ul style="list-style-type: none"> <li>• with 2 current paths in series / at DC-12               <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 60 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 220 V / rated value</li> <li>• at 440 V / rated value</li> <li>• at 600 V / rated value</li> </ul> </li> <li>• with 3 current paths in series / at DC-12               <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 60 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 220 V / rated value</li> <li>• at 440 V / rated value</li> <li>• at 600 V / rated value</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>A</li> </ul>	<ul style="list-style-type: none"> <li>10</li> <li>10</li> <li>4</li> <li>2</li> <li>1.3</li> <li>0.65</li> <li>10</li> <li>10</li> <li>10</li> <li>3.6</li> <li>2.5</li> <li>1.8</li> </ul>
<b>Operating current</b>		
<ul style="list-style-type: none"> <li>• of the auxiliary contacts / at DC-13               <ul style="list-style-type: none"> <li>• at 24 V</li> <li>• at 60 V</li> <li>• at 110 V</li> <li>• at 220 V</li> </ul> </li> <li>• with 2 current paths in series / at DC-13               <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 60 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 220 V / rated value</li> <li>• at 440 V / rated value</li> <li>• at 600 V / rated value</li> </ul> </li> <li>• with 3 current paths in series / at DC-13               <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 60 V / rated value</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>A</li> </ul>	<ul style="list-style-type: none"> <li>6</li> <li>2</li> <li>1</li> <li>0.3</li> <li>10</li> <li>3.5</li> <li>1.3</li> <li>0.9</li> <li>0.2</li> <li>0.1</li> <li>10</li> <li>4.7</li> </ul>

- at 110 V / rated value
- at 220 V / rated value
- at 440 V / rated value
- at 600 V / rated value

A	3
A	1.2
A	0.5
A	0.26

#### Installation/ mounting/ dimensions:

<b>Mounting type</b>		snap-on mounting
<b>Width</b>	mm	36.5
<b>Height</b>	mm	37.5
<b>Depth</b>	mm	46

#### Connections/ terminals:

<b>Design of the electrical connection</b>		spring-loaded terminals
<ul style="list-style-type: none"> <li>• for auxiliary and control current circuit</li> </ul>		
<b>Type of the connectable conductor cross-section</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>• finely stranded <ul style="list-style-type: none"> <li>• with conductor end processing</li> <li>• without conductor final cutting</li> </ul> </li> </ul> </li> <li>• for AWG conductors / for auxiliary contacts</li> </ul>		2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 2.5 mm <sup>2</sup> ) 2x (20 ... 14)

#### Safety:

<b>Product function / mirror contact to IEC 60947-4-1</b>		Yes
<ul style="list-style-type: none"> <li>• comment</li> </ul>		with 3RT1
<b>Product function / positively driven operation to IEC 60947-5-1</b>		Yes
<ul style="list-style-type: none"> <li>• comment</li> </ul>		with 3RH1

#### Certificates/ approvals:

General Product Approval

Functional Safety /  
Safety of  
Machinery

Declaration of  
Conformity



CCC



CSA



UL

[Type Examination](#)



EG-Konf.

Test Certificates

[Special Test Certificate](#)

Shipping Approval



ABS



BUREAU  
VERITAS



GL



LRS



RINA



RMRS

other

[other](#)

[Environmental Confirmations](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

Cax online generator

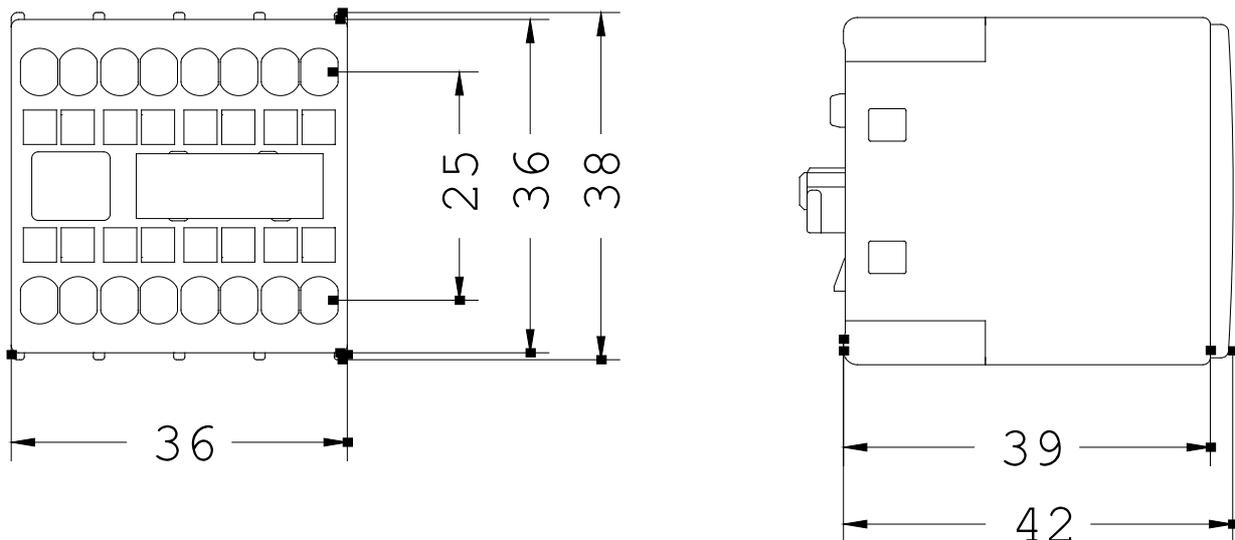
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH1911-2FB11/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RH1911-2FB11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH1911-2FB11)



last change:

Jun 16, 2014