

AUXILIARY SWITCH BLOCK, DIN EN 50005,  
1NO+1NC,  
CONNECTION FROM BELOW SCREW CONNECTION,  
F. CONTACTOR RELAYS A. CONTACT. FOR SWITCHING  
MOTORS,  
SIZES00

### General technical data:

<b>product brand name</b>		SIRIUS
<b>Acceptability for application</b>		Contactor relay and power contactor
<b>Protection class IP / on the front</b>		IP20
<b>Ambient temperature</b>		
• during storage	°C	-55 ... +80
• during operating	°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>		1 faulty switching per 100 million (17 V, 1 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
<b>Number of NO contacts / for auxiliary contacts</b>		
• instantaneous switching		1
<b>Operating current / of the auxiliary contacts / at AC-12</b>		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
<b>Operating current</b>		
• 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> <li>• at AC-15 / at 690 V</li> </ul>	A A  A A A A	6 6  6 6 3 1
<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>	A A A A A A  A A A A A A	10 10 4 2 1.3 0.65  10 10 10 3.6 2.5 1.8
<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> <li>• at 110 V / rated value</li> </ul> </li> </ul>	A A A A  A A A A A A  A A A	6 2 1 0.3  10 3.5 1.3 0.9 0.2 0.1  10 4.7 3

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

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	41.5

#### Connections/ terminals:




<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 the connectable conductor cross-section</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> <li>• finely stranded <ul style="list-style-type: none"> <li>• with conductor end processing</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 (20 ... 16), 2x (18 ... 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:

<b>General Product Approval</b>	<b>Functional Safety / Safety of Machinery</b>	<b>Declaration of Conformity</b>
 CCC	 UL	 EG-Konf.
 CSA	 EAC	<a href="#">Type Examination</a>

<b>Test Certificates</b>	<b>Shipping Approval</b>
<a href="#">Special Test Certificate</a>	 ABS
	 BUREAU VERITAS
	 GL
	 RMRS

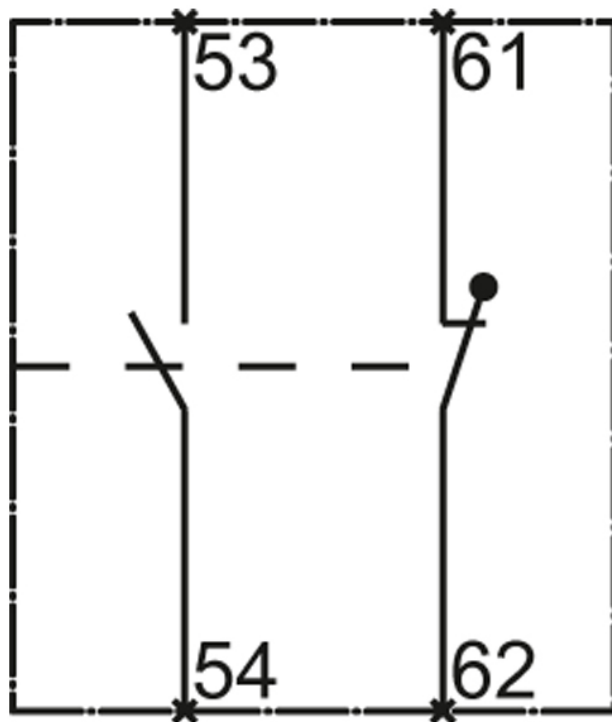
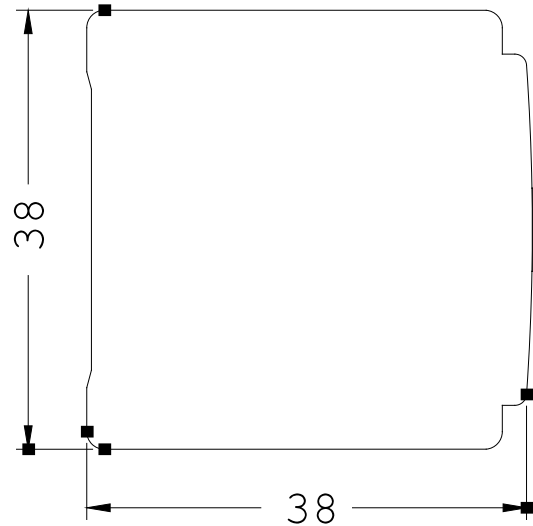
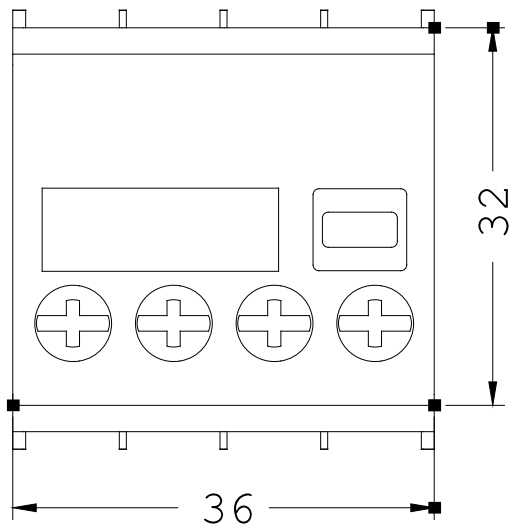
other

[other](#)

[Environmental Confirmations](#)

#### Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)  
<http://www.siemens.com/industrial-controls/catalogs>



last change:

Jun 16, 2014