

AUXILIARY CONTACT BLOCK WITH SCREW TERMINALS  
FOR CONTACTOR RELAYS AND MOTOR CONTACTORS  
ACCORDING TO EN 50005 IDENTIFICAT.NUMBER  
22,2NO+2NC 2 OVERLAPPING CONTACTS



### 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 ... +55
<b>Mechanical operating cycles as operating time</b>		
• typical		10,000,000
<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		2
• lagging switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		
• instantaneous switching		2
• leading switching		0

<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		
• at AC-14		
• at 125 V	A	10
• at AC-15		
• at 24 V	A	10
• at 230 V	A	5.6
• at 400 V	A	3.6
• at AC-15 / at 690 V	A	2.3
<b>Operating current</b>		
• of the auxiliary contacts / at DC-13		
• at 24 V	A	10
• at 60 V	A	5
• at 110 V	A	1.14
• at 220 V	A	0.48

#### Installation/ mounting/ dimensions:

<b>Mounting type</b>		snap-on mounting
<b>Width</b>	mm	12
<b>Height</b>	mm	70
<b>Depth</b>	mm	51.5

#### Connections/ terminals:

<b>Design of the electrical connection</b>		
• for auxiliary and control current circuit		screw-type terminals
<b>Type of the connectable conductor cross-section</b>		
• for auxiliary contacts		
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.0 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
• for AWG conductors / for auxiliary contacts		2x (18 ... 12)

#### Safety:

<b>Product function / positively driven operation to IEC 60947-5-1</b>		Yes
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#### Certificates/ approvals:

General Product Approval	Test Certificates
 CCC  CSA  EAC  UL	<a href="#">Special Test Certificate</a>
Shipping Approval	other
 DNV  GL  PRS  RINA	<a href="#">Declaration of Conformity</a>

**Further information:**

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

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- Industry Mall (Online ordering system)**  
<http://www.siemens.com/industrial-controls/mall>

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- Cax online generator**  
<http://www.siemens.com/cax>

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- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<http://support.automation.siemens.com/WW/view/en/3TX4422-2G/all>

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- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TX4422-2G](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TX4422-2G)

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