

AUXILIARY CONTACT BLOCK W. SCREW TERMINAL  
 F. CONTACTOR RELAYS AND MOTOR  
 CONTACTORS ACCORDING TO EN 50005  
 IDENTIFICAT.NUMBER 22, 2NO+2NC



General technical data:

product brand name		SIRIUS
Suitability for use		Contactor relay and power contactor
Protection class IP on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +55
Mechanical service life (switching cycles) typical		10 000 000
Insulation voltage with degree of pollution 3 rated value	V	690
Surge voltage resistance rated value	kV	6

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• instantaneous contact		2
• lagging switching		0
Number of NO contacts for auxiliary contacts		
• instantaneous contact		2
• leading contact		0

<b>Operating current of auxiliary contacts at AC-12</b>		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
<b>Operating current</b>		
• of 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 rated value	A	2.3
<b>Operating current</b>		
• of 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:




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

#### Safety related data:

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

General Product Approval				Declaration of Conformity	Test Certificates
 CCC	 CSA		 UL	 EG-Konf.	<a href="#">spezielle Prüfbescheinigungen</a> n

Shipping Approval		
 DNV	 PRS	 RINA

### Further information

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

**Industry Mall (Online ordering system)**  
<http://www.siemens.com/industrymall>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TX44222A>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3TX44222A>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TX44222A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TX44222A&lang=en)