

AUXILIARY CONTACT BLOCK W. SCREW TERMINAL
FOR CONTACTOR RELAYS ACCORDING TO EN 50011
IDENTIFICATION NUMBER 53E,
1NO + 3NC



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 ... +55
Mechanical operating cycles as operating time		
• typical		10,000,000
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		3
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		1
• leading switching		0

Operating current / of the auxiliary contacts / at AC-12 • at 24 V • at 230 V • maximum	A	10
	A	10
	A	10
Operating current • of the auxiliary contacts • at AC-14 • at 125 V • at AC-15 • at 24 V • at 230 V • at 400 V • at AC-15 / at 690 V	A	10
	A	10
	A	5.6
	A	3.6
	A	2.3
Operating current • of the auxiliary contacts / at DC-13 • at 24 V • at 60 V • at 110 V • at 220 V	A	10
	A	5
	A	1.14
	A	0.48

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	12
Height	mm	70
Depth	mm	51.5

Connections/ terminals:

Design of the electrical connection • for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section • for auxiliary contacts • finely stranded • with conductor end processing • for AWG conductors / for auxiliary contacts		2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²) 2x (18 ... 12)

Safety:

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

General Product Approval				Functional Safety / Safety of Machinery	Test Certificates
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CCC



CSA



UL

[Type Examination](#)

[Special Test
Certificate](#)

Shipping Approval

other



DNV



GL



PRS



RINA

[Declaration of
Conformity](#)

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/3TX4413-0A/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TX4413-0A

last change:

Jun 16, 2014