

AUX.SWITCH BLOCK, 2NO+2NC, WITH ORDINAL NUMBERS 5...8, DIN EN 50012, 4-POLE CAGE CLAMP CONNECTION, FOR CONTACTORS SIZE S0...S12



Figure similar

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 ... +60
Mechanical service life (switching cycles) typical		10 000 000
Electrical endurance (switching cycles) 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)
Surge voltage resistance Rated value	kV	6

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• instantaneous contact		2
Number of NO contacts for auxiliary contacts		
• instantaneous contact		2
Operating current of the auxiliary contacts at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		
• of the auxiliary contacts		

— at AC-14		
— at 125 V	A	6
— at 250 V	A	6
— at AC-15		
— at 24 V	A	6
— at 230 V	A	6
— at 400 V	A	3
• at AC-15 at 690 V Rated value	A	1
Operating current		
• with 2 current paths in series at DC-12		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	10
— at 110 V Rated value	A	4
— at 220 V Rated value	A	2
— at 440 V Rated value	A	1.3
— at 600 V Rated value	A	0.65
• with 3 current paths in series at DC-12		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	10
— at 110 V Rated value	A	10
— at 220 V Rated value	A	3.6
— at 440 V Rated value	A	2.5
— at 600 V Rated value	A	1.8
Operating current		
• of the auxiliary contacts at DC-13		
— at 24 V	A	6
— at 60 V	A	2
— at 110 V	A	1
— at 220 V	A	0.3
• with 2 current paths in series at DC-13		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	3.5
— at 110 V Rated value	A	1.3
— at 220 V Rated value	A	0.9
— at 440 V Rated value	A	0.2
— at 600 V Rated value	A	0.1
• with 3 current paths in series at DC-13		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	4.7
— at 110 V Rated value	A	3
— at 220 V Rated value	A	1.2

- at 440 V Rated value
- at 600 V Rated value

A	0.5
A	0.26

Installation/ mounting/ dimensions:

Mounting type	snap-on mounting
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Connections/ Terminals:

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

Safety related data:

Product function Mirror contact acc. to IEC 60947-4-1	Yes
<ul style="list-style-type: none"> • Note 	with 3RT1
Product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination](#)



Test Certificates	Shipping Approval	other
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[Special Test Certificate](#)



[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/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH19212XA220MA0>

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

<http://support.automation.siemens.com/WW/view/en/3RH19212XA220MA0/all>

