



AUX.SWITCH BLOCK,FRONT,2NO,
CURR.PATH:1NO, 1NO, CONN.F.AB.,
F. CONT. RELAYS A. MOTOR CONT.,
SZ S00 AND S0, SCREW TERMINAL 73 / 74,
83 / 84

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 ... +60			
Mechanical operating cycles as operating time					
• typical	10,000,000				
Electrical operating cycles as operating time / at AC-15 / at 230 V					
• typical	200,000				
Contact reliability	one incorrect switching operation of 100 million switching operations (17 V, 1 mA)				
Contact reliability / of the auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)				
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		0
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		2
• leading switching		0
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• at 400 V	A	10
• at 690 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
Operating current / of the auxiliary contacts / at AC-15		
• at 24 V	A	6
• at 230 V	A	6
• at 690 V	A	1
• at 400 V	A	3
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	A	0.5
• at 600 V / rated value	A	0.26

Installation/mounting/dimensions:

Type of mounting		snap-on mounting
Width	mm	36
Height	mm	37.5
Depth	mm	43.7

Connections:

Design of the electrical connection		
• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for auxiliary contacts		
• solid		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• for AWG conductors / for auxiliary contacts		2x (20 ... 16), 2x (18 ... 14)

Safety-related Parameter:

Product function / mirror contact to IEC 60947-4-1		Yes
• comment		with 3RT2
Product function / positively driven operation to IEC 60947-5-1		Yes
• comment		with 3RH2

Certificates/approvals:

General Product Approval

Declaration of Conformity



Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



[Shipping Approval](#)

[other](#)



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:

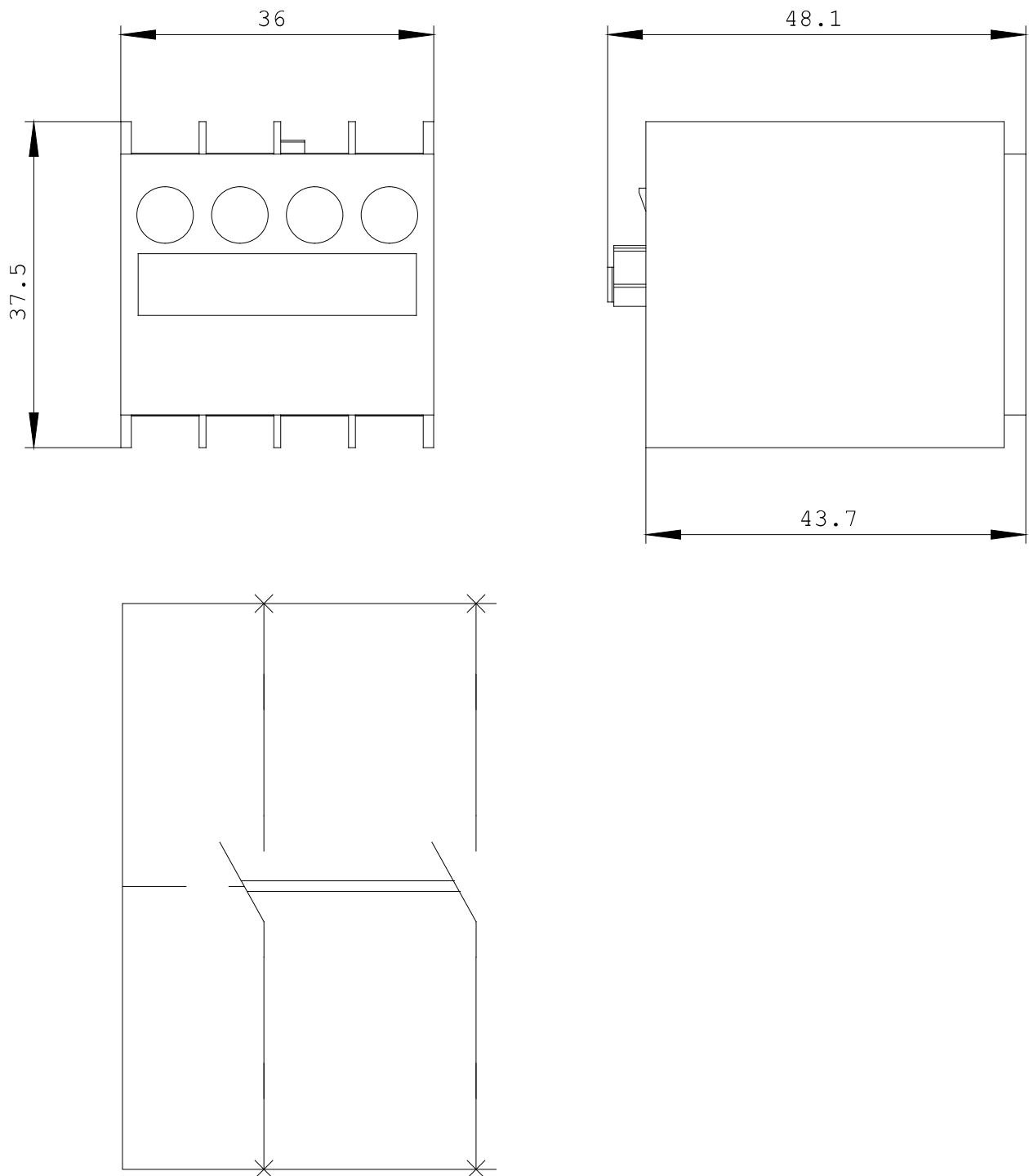
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-1LA20/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1LA20



last change:

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