



AUX.SWITCH BLOCK,FRONT,3NO,
CURR.PATH: 1NO, 1NO, 1NO,
F. CONT. RELAYS A. MOTOR CONT.,
SZ S00 AND S0, SCREW TERMINAL .3 / .4,
.3 / .4, .3 / .4

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	3
	• 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
- with 2 current paths in series / at DC-13
 - at 24 V / rated value
 - at 60 V / rated value
 - at 110 V / rated value
 - at 220 V / rated value
 - at 440 V / rated value
 - at 600 V / rated value
- with 3 current paths in series / at DC-13
 - at 24 V / rated value
 - at 60 V / rated value
 - at 110 V / rated value
 - at 220 V / rated value
 - at 440 V / rated value
 - at 600 V / rated value

A	0.3
A	10
A	3.5
A	1.3
A	0.9
A	0.2
A	0.1
A	10
A	4.7
A	3
A	1.2
A	0.5
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		screw-type terminals
• for auxiliary and control current circuit		
Type of the connectable conductor cross-section		
• for auxiliary contacts • solid • finely stranded • with conductor end processing • for AWG conductors / for auxiliary contacts		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 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



CCC



CSA



GOST



UL



EG-Konf.

Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



ABS



BUREAU
VERITAS



DNV



GL



LRS



PRS

Shipping Approval

other



RINA



RMRS



VDE

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:

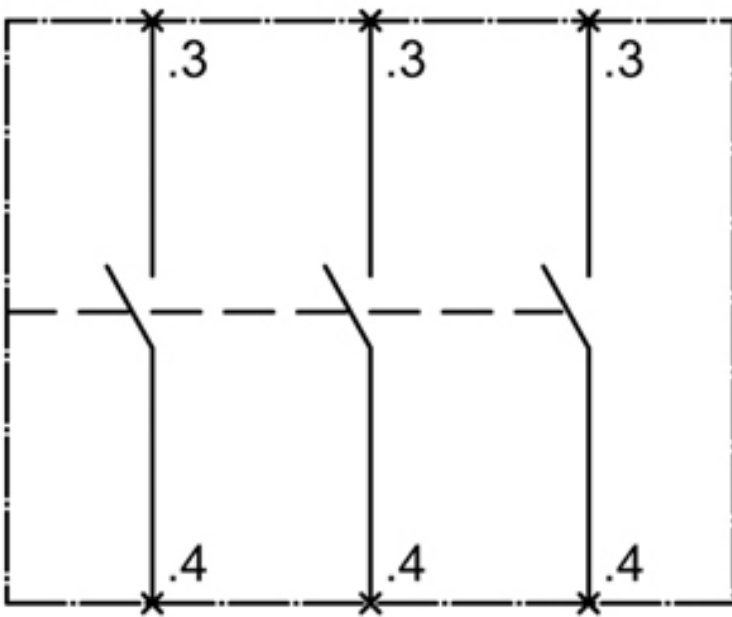
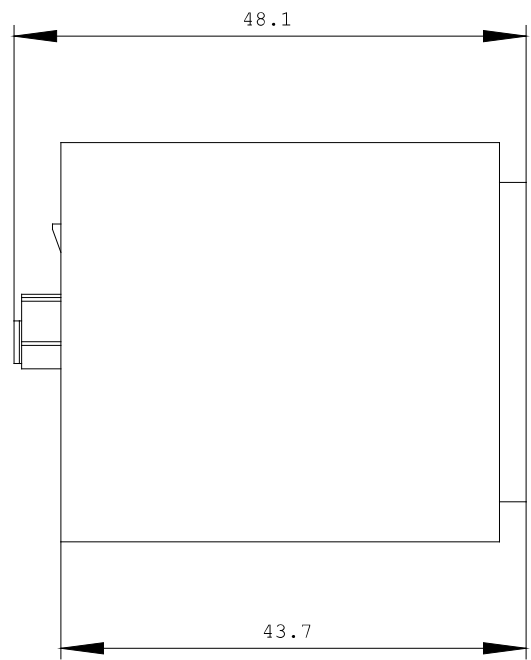
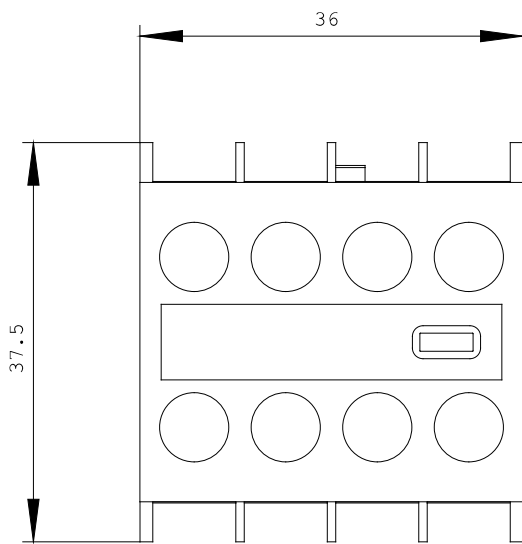
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-1HA30/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1HA30



last change:

Feb 4, 2013