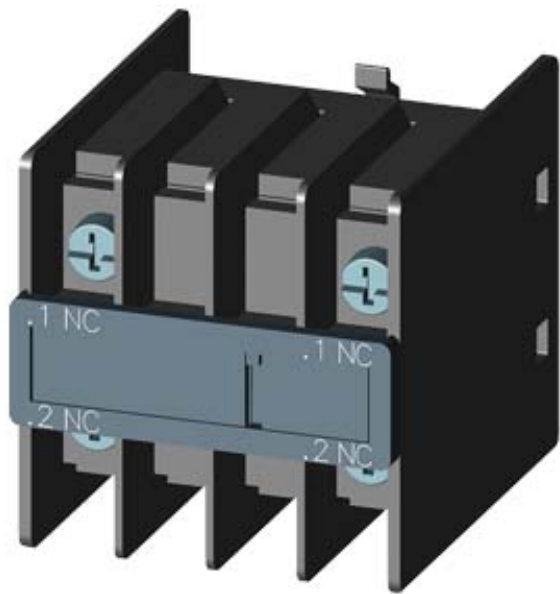




SOLID-STATE COMP. AUX. SW BL.FR 2NC,
CURR.PATH: 1NC, 1NC,
F. CONT. RELAYS A. MOTOR CONT.,
SZ S00 AND S0,
RING CABLE LUG CONNECTION .1 / .2,-- / --,-- /--,1 / .2

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		5,000,000
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 (5 V, 1 mA)
Contact reliability / of the auxiliary contacts		one incorrect switching operation of 100 million switching operations (5 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 - lagging switching		2
		0
Number of NO contacts / for auxiliary contacts - instantaneous switching - leading switching		0
		0
Operating current / of the auxiliary contacts / at AC-12 - at 24 V - at 230 V - maximum	A	0.3
	A	0
	A	0.3
Operating current - of the auxiliary contacts - at AC-14 - at 125 V - at 250 V - at AC-15 - at 24 V - at 230 V - at 400 V - at AC-15 / at 690 V	A	0
	A	0
	A	0.3
	A	0
	A	0
	A	0
	A	0
Operating current - of the auxiliary contacts / at DC-13 - at 24 V - at 60 V - at 110 V - at 220 V	A	0.3
	A	0.3
	A	0
	A	0

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	36
Height	mm	37.5
Depth	mm	43.7

Connections/ terminals:

Design of the electrical connection for auxiliary and control current circuit		ring cable connection
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Safety:

Product function / mirror contact to IEC 60947-4-1 comment		Yes with 3RT2.2
Product function / positively driven operation to IEC 60947-5-1		No

Certificates/ approvals:

General Product Approval



CCC



CSA



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

[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/industrial-controls/mall>

Cax online generator

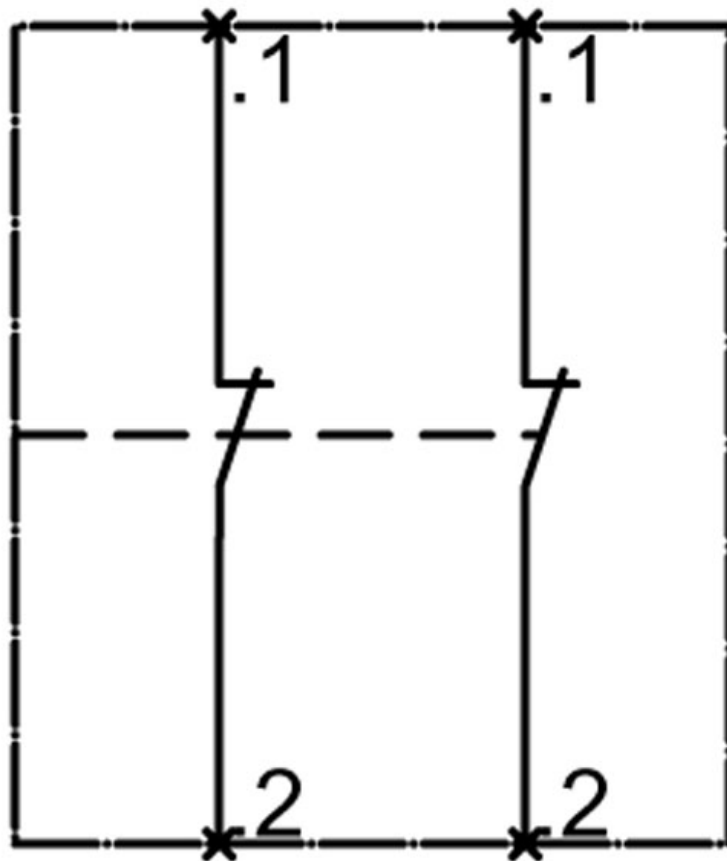
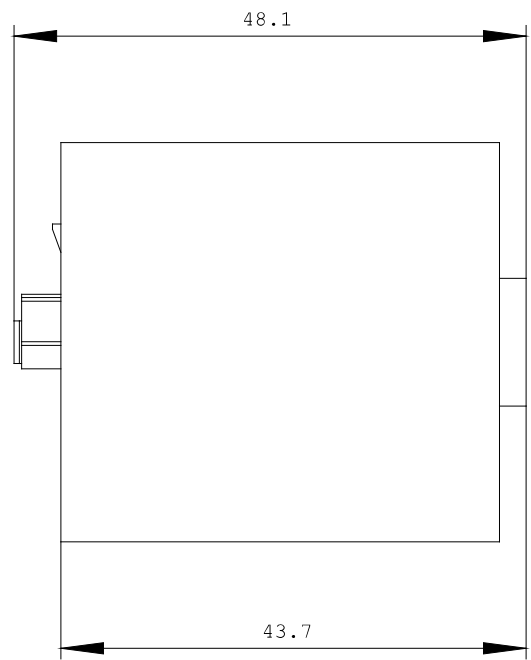
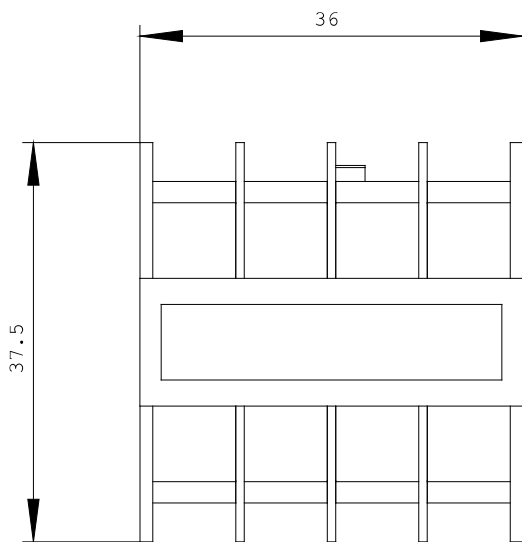
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH2911-4NF02/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-4NF02



last change:

Jun 16, 2014