



LATERAL AUX.SWITCH BLOCK,SIDE, 2NC,
CURR.PATH: 1NC, 1NC,
FOR MOTOR CONTACTORS, SZ S0,
SPRING-LOADED TERMINAL R: 31/32,
41/42 L: 51/52, 61/62

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 • 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 • at 400 V • at 690 V • maximum	A	10
	A	10
	A	10
	A	10
	A	10
	A	10
Operating current / of the auxiliary contacts / at AC-14 • at 125 V • at 250 V	A	6
	A	6
Operating current / of the auxiliary contacts / at AC-15 • at 24 V • at 230 V • at 690 V • at 400 V	A	6
	A	6
	A	1
	A	3
Operating current • with 2 current paths in series / at DC-12 • 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-12 • 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	10
	A	10
	A	4
	A	2
	A	1.3
	A	0.65
	A	10
	A	10
	A	10
	A	3.6
	A	2.5
	A	1.8
Operating current • of the auxiliary contacts / at DC-13 • at 24 V • at 60 V • at 110 V	A	6
	A	2
	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	10
Height	mm	64.8
Depth	mm	66

Connections:

Design of the electrical connection		spring-loaded terminals
• for auxiliary and control current circuit		
Type of the connectable conductor cross-section		
• for auxiliary contacts • solid • finely stranded • with conductor end processing • without conductor final cutting • for AWG conductors / for auxiliary contacts		2x (0.5 ... 2.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 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		No

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:

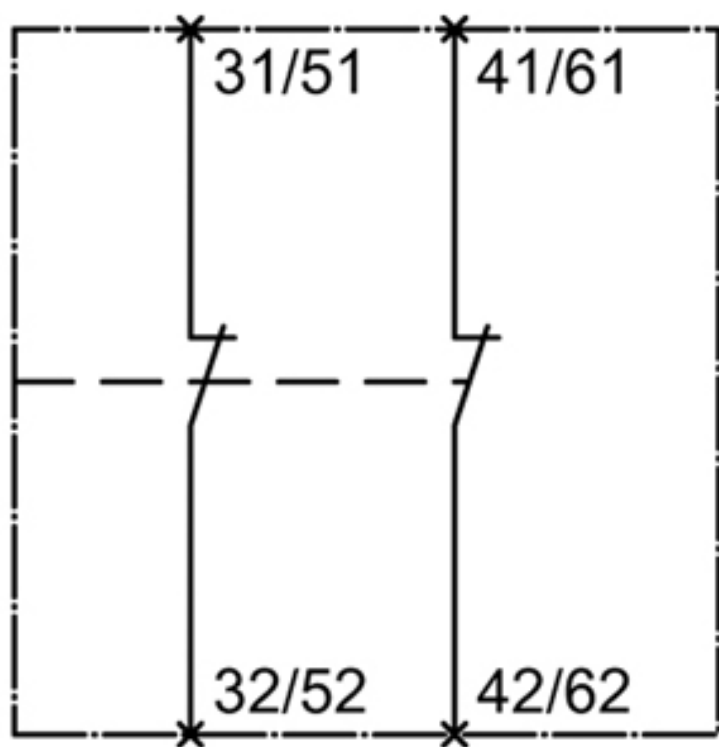
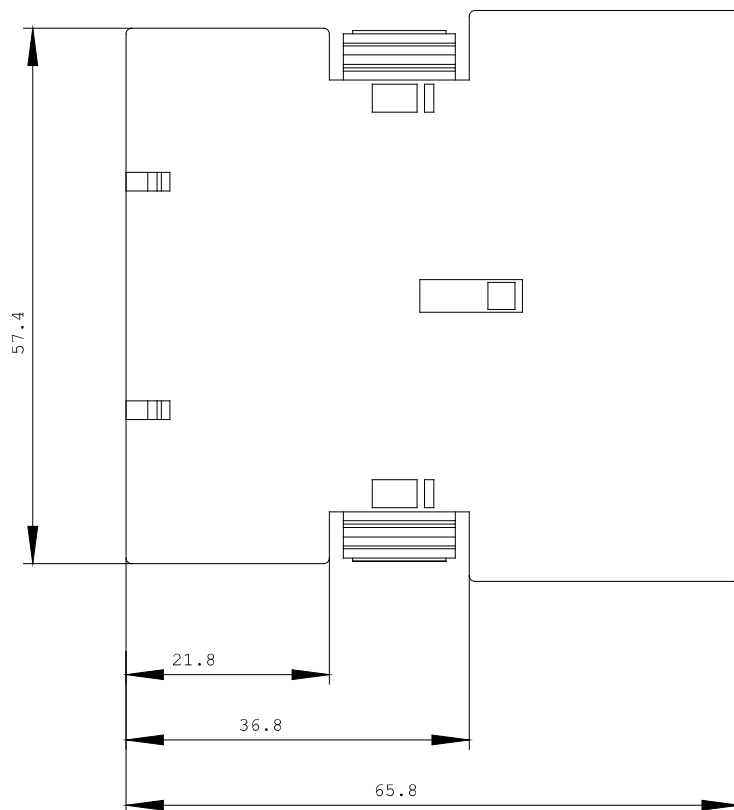
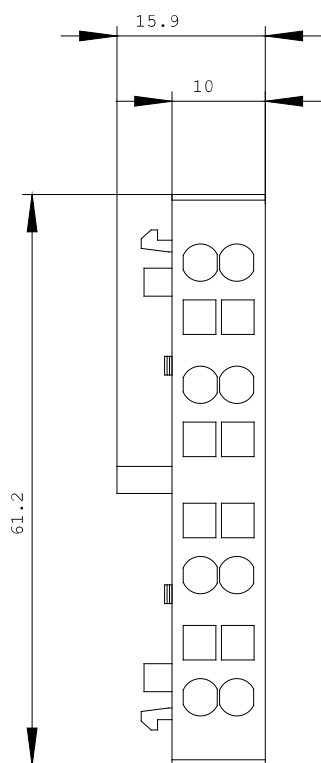
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RH2921-2DA02/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2921-2DA02



last change:

Feb 4, 2013