



AUX.SWITCH BLOCK,FRONT,1NC,
CURR.PATH: 1NC, CONN. F. ABOVE,
F. CONT. RELAYS A. MOTOR CONT.,
SZ S00 AND S0, SCREW TERMINAL 71 / 72

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		1
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		0
• 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	23.6
Height	mm	27.5
Depth	mm	38.6

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
 - finely stranded
 - with conductor end processing
- for AWG conductors / for auxiliary contacts

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)

2x (20 ... 16), 2x (18 ... 14)

Safety:related Parameter:

Product function / mirror contact to IEC 60947-4-1

- comment

Yes

with 3RT2

Product function / positively driven operation to IEC 60947-5-1

- comment

Yes

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:

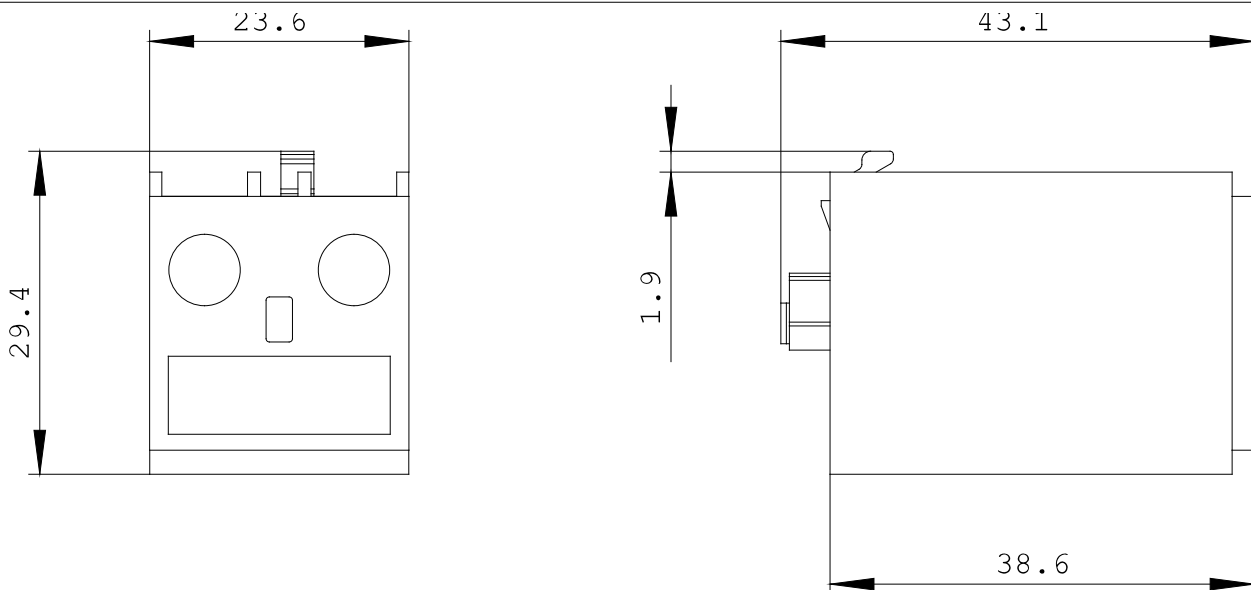
<http://www.siemens.com/cax>

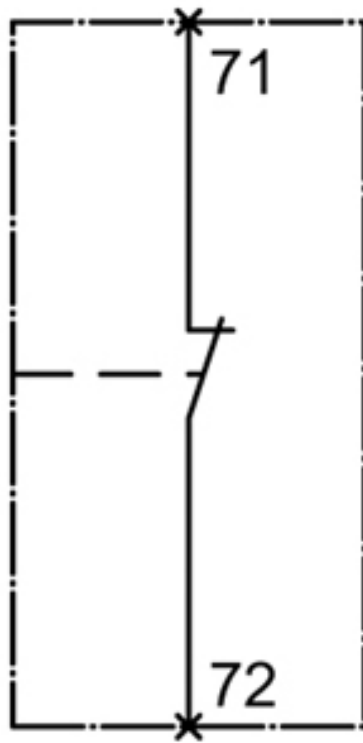
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RH2911-1AA01/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1AA01





last change:

Feb 4, 2013