

ELECTRONIC AUXILIARY SWITCH DIN EN 50012
LATERAL,
CAGE CLAMP CONN. 1NO + 1NC, SEALED,
SIZE S0...S3, 2.HS-BLOCK, NO. "6"

General technical data:

product brand name		SIRIUS
Acceptability for application		Contact 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, 5 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	500
Impulse voltage resistance		
• rated value	kV	6

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		
• instantaneous switching		1
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		1
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	A	10
• at 230 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
• at AC-15		
• at 24 V	A	6
• at 230 V	A	6
• at 400 V	A	3
• at AC-15 / at 690 V	A	1
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
- at 600 V / rated value

A	0.5
A	0.26

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	10
Height	mm	72.5
Depth	mm	71

Connections/ terminals:

Design of the electrical connection		spring-loaded terminals
• for auxiliary and control current circuit		
Type of the connectable conductor cross-section		
• for auxiliary contacts • finely stranded • with conductor end processing • without conductor final cutting • for AWG conductors / for auxiliary contacts		2x (0.5 ... 1.5 mm²) 2x (0.5 ... 2.5 mm²) 2x (20 ... 14)

Safety:

Product function / mirror contact to IEC 60947-4-1		Yes
• comment		with 3RT1
Product function / positively driven operation to IEC 60947-5-1		No

Certificates/ approvals:

General Product Approval		Functional Safety / Safety of Machinery	Declaration of Conformity
			
CCC	CSA	UL	UL
		Type Examination	
			EG-Konf.
Test Certificates	Shipping Approval	other	
Special Test Certificate			
	ABS	GL	RMRS
			Environmental Confirmations

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

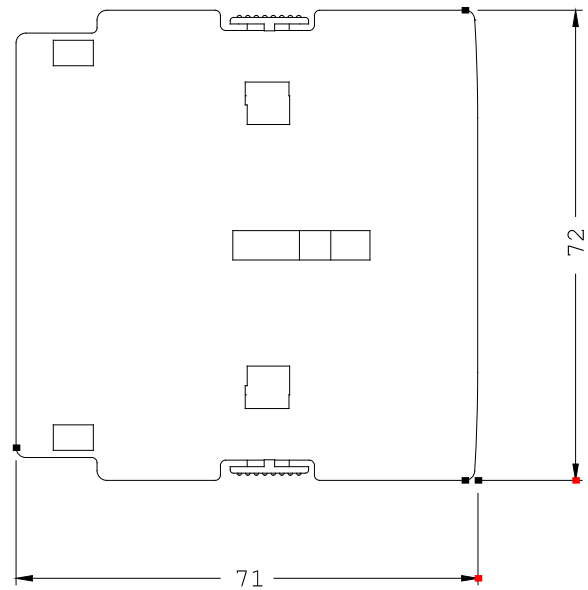
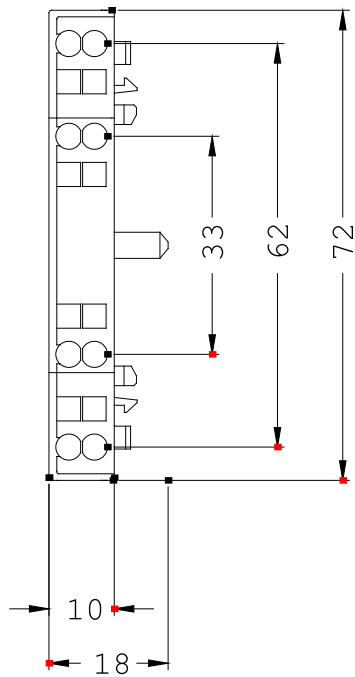
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

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



last change:

Jun 16, 2014