

AUXILIARY SWITCH BLOCK, 62E, 2NO+2NC, DIN EN50011, SCREW CONNECTION, FOR CONTACTOR RELAYS, 4-POLE



Figure similar

General technical data:

product brand name		SIRIUS
Suitability for use		Contactor relay and power contactor
Protection class IP on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +60
Mechanical service life (switching cycles) typical		10 000 000
Electrical endurance (switching cycles) 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 auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 rated value	V	690
Surge voltage resistance rated value	kV	6

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• instantaneous contact		2

Number of NO contacts for auxiliary contacts			
• instantaneous contact		2	
Operating current of auxiliary contacts at AC-12			
• at 24 V	A	10	
• at 230 V	A	10	
• maximum	A	10	
Operating current			
• of 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 rated value	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 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	A	0.5
— at 600 V rated value	A	0.26

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	36.5
Height	mm	37.5
Depth	mm	41.5

Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit		screw-type terminals
Type of connectable conductor cross-sections		
• for auxiliary contacts		
— finely stranded		
— with core end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• at AWG conductors for auxiliary contacts		2x (20 ... 16), 2x (18 ... 14)

Safety related data:

Product function Mirror contact acc. to IEC 60947-4-1		Yes
• Note		with 3RT1
Product function positively driven operation acc. to IEC 60947-5-1		Yes
• Note		with 3RH1

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



Baumusterbescheinigung



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Bestätigungen

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mifb=3RH19111GA22>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH19111GA22>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mifb=3RH19111GA22&lang=en

