



AUXILIARY SWITCH BLOCK, 2 NC,
DIN EN50005, LATERALLY,
10 MM SCREW CONNECTION,
SIZE S3...S12 FOR CONTACTORS FOR SWITCHING
MOTORS,
2-POLE

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, 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	V	500			
Impulse voltage resistance	kV	6			

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts			
• instantaneous switching		2	
Number of NO contacts / for auxiliary contacts			
• instantaneous switching		0	
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	A	0.5
• at 600 V / rated value	A	0.26

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	10
Height	mm	80
Depth	mm	71

Connections/ terminals:

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



[Type Examination](#)



EG-Konf.

Test Certificates

[Special Test Certificate](#)

Shipping Approval



GL



LRS



RINA



other

[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

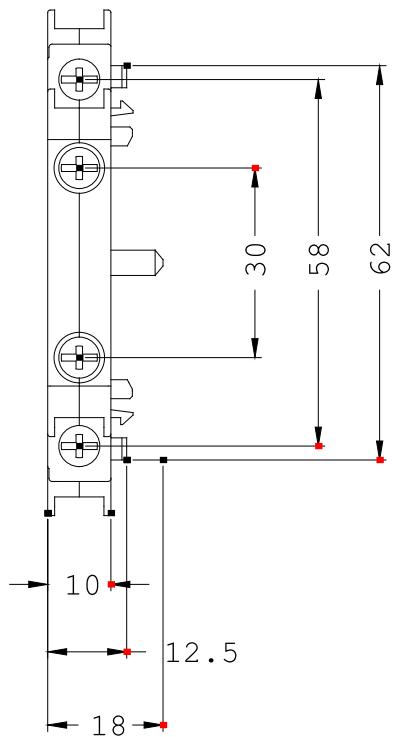
<http://www.siemens.com/cax>

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

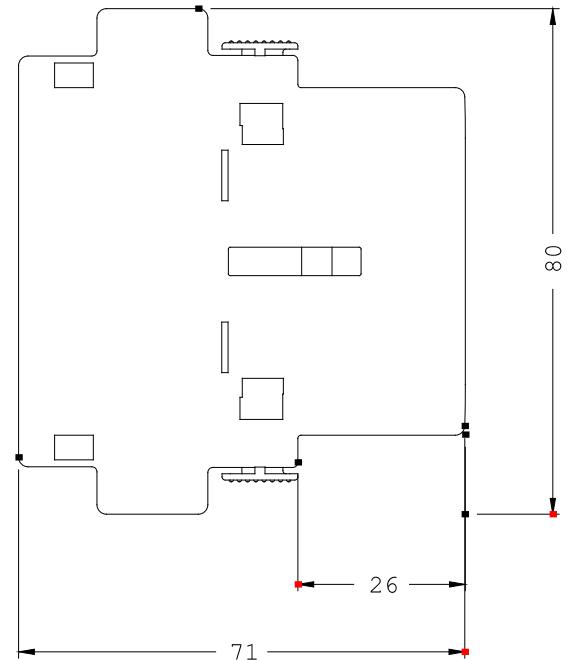
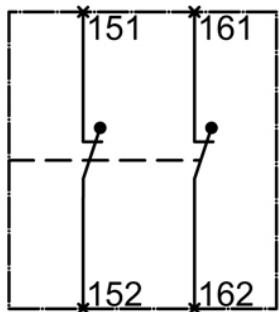
<http://support.automation.siemens.com/WW/view/en/3RH1921-1KA02/all>

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

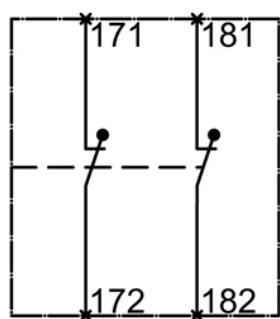
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH1921-1KA02



Links



Rechts



last change:

Jun 16, 2014