

3RH2911-1FA22 AUX. SWITCH BLOCK, 2NO+2NC

Technical / CAx data

☒ Technical Data ☐ CAx data



AUX.SWITCH BLOCK,FRONT,2NO+2NC, CURR.PATH:
1NO, 1NC, 1NC, 1NO, F. CONT. RELAYS A. MOTOR
CONT., SZ S00 AND S0, SCREW
TERMINAL .3 / .4,.1 / .2,.1 / .2,.3 / .4

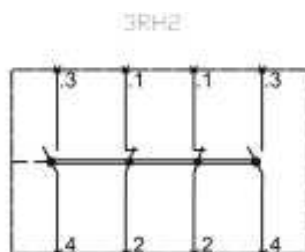
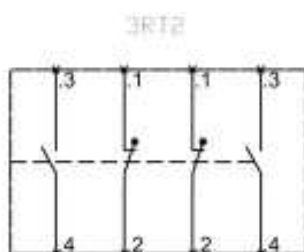
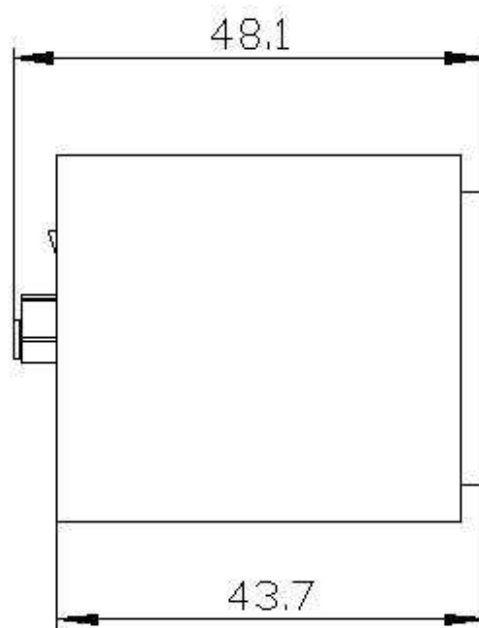
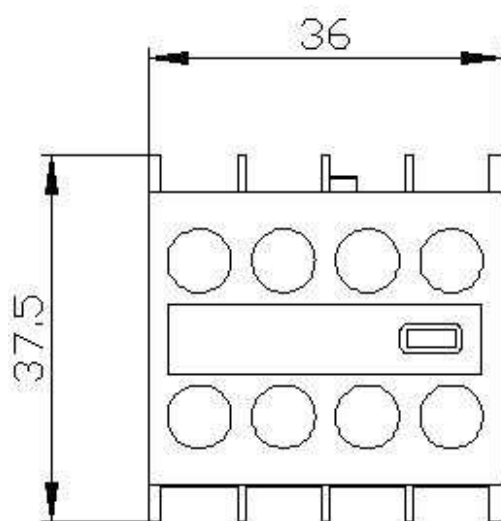
General technical data:		
product brand name		SIRIUS
Acceptability for application		Contactor relay and power contactor
Protection class IP / on the front		IP20
Ambient temperature		
• during storage	°C	-55...+80
• during operating	°C	-25...+60
Mechanical operating cycles as operating time		
• typical		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		2
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		2
• 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	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:

Type of mounting	snap-on mounting	
Width	mm	36
Height	mm	37.5

Depth	mm	43.7			
Connections:					
Design of the electrical connection for auxiliary and control current circuit	screw-type terminals 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)				
Type of the connectable conductor cross-section - for auxiliary contacts - solid - finely stranded - with conductor end processing - for AWG conductors / for auxiliary contacts					
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		Declaration of Conformity			
☒ CCC	☒ CSA	☒ GOST	☒ UL	☒ EC-Declaration	
Test Certificates					
Special Test Certificate	Type Test Certificates/Test Report				
Shipping Approval					
☒ ABS (America)	☒ DNV / Det Nor	☒ GL / Germani	☒ LRS / Lloyds R	☒ PRS / Polski R	☒ RINA / Registr
Shipping Approval		other			
☒ RMRS / Russ	☒ Household anc				
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/3RH2911-1FA22/all					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1FA22					



last change:

Mar 29, 2012