

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

Technical / CAx data

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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	screw-type terminals
<ul style="list-style-type: none"> for auxiliary and control current circuit 	
Type of the connectable conductor cross-section	
<ul style="list-style-type: none"> for auxiliary contacts <ul style="list-style-type: none"> solid finely stranded <ul style="list-style-type: none"> with conductor end processing for AWG conductors / for auxiliary contacts 	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (20 ... 16), 2x (18 ... 14)

Safety-related Parameter:

Product function / mirror contact to IEC 60947-4-1	Yes
<ul style="list-style-type: none"> comment 	with 3RT2
Product function / positively driven operation to IEC 60947-5-1	Yes
<ul style="list-style-type: none"> comment 	with 3RH2

Certificates/approvals:

General Product Approval		Declaration of Conformity		
<input checked="" type="checkbox"/> CCC	<input checked="" type="checkbox"/> CSA	<input checked="" type="checkbox"/> GOST	<input checked="" type="checkbox"/> UL	<input checked="" type="checkbox"/> EC-Declarator

Test Certificates

Special Test Certificate	Type Test Certificates/Test Report
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Shipping Approval

<input checked="" type="checkbox"/> ABS (America)	<input checked="" type="checkbox"/> DNV / Det Nor:	<input checked="" type="checkbox"/> GL / Germani	<input checked="" type="checkbox"/> LRS / Lloyds R	<input checked="" type="checkbox"/> PRS / Polski R	<input checked="" type="checkbox"/> RINA / Registr
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Shipping Approval other

<input checked="" type="checkbox"/> RMRS / Russ	<input checked="" type="checkbox"/> Household anc
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Further information:

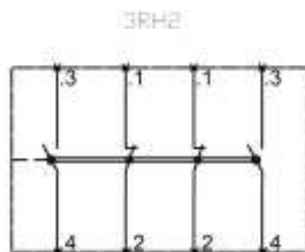
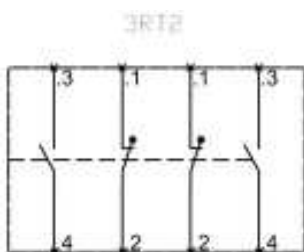
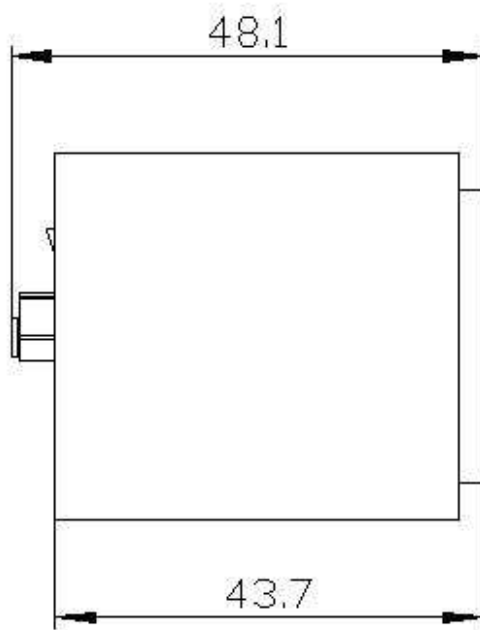
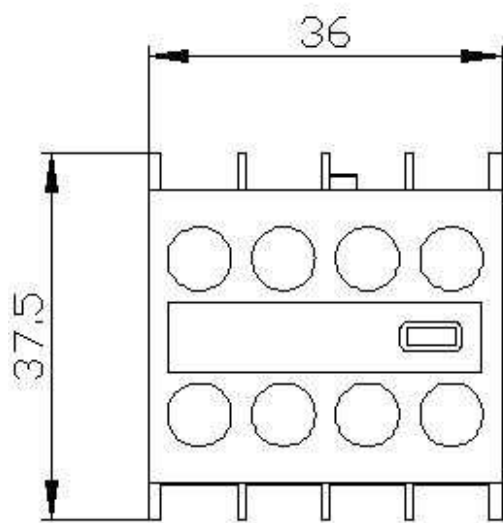
Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

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