SIEMENS

Product data sheet 3RH2911-1HA12



AUX.SWITCH BLOCK,FRONT,1NO+2NC, CURR.PATH: 1NC, 1NC, 1NO, F. CONT. RELAYS A. MOTOR CONT., SZ S00 AND S0, SCREW TERMINAL .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
Number of NO contacts / for auxiliary contacts / instantaneous switching		1
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	А	10
• at 230 V	Α	10
• at 400 V	Α	10
• at 690 V	Α	10
• maximum	Α	10
Operating current / of the auxiliary contacts / at AC-14		
• at 125 V	Α	6
• at 250 V	Α	6
Operating current / of the auxiliary contacts / at AC-15		
• at 24 V	А	6
• at 230 V	Α	6
• at 690 V	Α	1
• at 400 V	Α	3
Operating current		
• with 2 current paths in series / at DC-12		
• at 24 V / rated value	Α	10
• at 60 V / rated value	Α	10
• at 110 V / rated value	Α	4
• at 220 V / rated value	Α	2
• at 440 V / rated value	Α	1.3
• at 600 V / rated value	Α	0.65
• with 3 current paths in series / at DC-12		
• at 24 V / rated value	Α	10
• at 60 V / rated value	Α	10
• at 110 V / rated value	Α	10
• at 220 V / rated value	Α	3.6
• at 440 V / rated value	Α	2.5
• at 600 V / rated value	Α	1.8
Operating current		
of the auxiliary contacts / at DC-13		
• at 24 V	А	6
• at 60 V	А	2
• at 110 V	А	1
• at 220 V	А	0.3
• with 2 current paths in series / at DC-13		

• at 24 V / rated value	Α	10
• at 60 V / rated value	Α	3.5
• at 110 V / rated value	Α	1.3
• at 220 V / rated value	Α	0.9
• at 440 V / rated value	Α	0.2
• at 600 V / rated value	Α	0.1
• with 3 current paths in series / at DC-13		
at 24 V / rated value	Α	10
• at 60 V / rated value	Α	4.7
• at 110 V / rated value	Α	3
• at 220 V / rated value	Α	1.2
• at 440 V / rated value	Α	0.5
• at 600 V / rated value	Α	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
Type of the connectable conductor cross-section	
for auxiliary contacts	
• solid	2x (0.5 1.5 mm2), 2x (0.75 2.5 mm2)
• finely stranded	
 with conductor end processing 	2x (0.5 1.5 mm2), 2x (0.75 2.5 mm2)
• for AWG conductors / for auxiliary contacts	2x (20 16), 2x (18 14)

Safety:related Parameter:	
Product function / mirror contact to IEC 60947-4-1	Yes
• comment	with 3RT2
Product function / positively driven operation to IEC 60947-5-1	Yes

Certificates/approvals:

General Product Approval



CQC



ROSTEST



Manufacturer

Test Certificates

Shipping Approval













Shipping Approval

other





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:

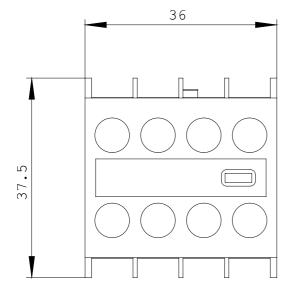
http://www.siemens.com/cax

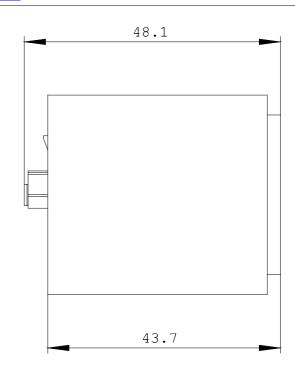
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

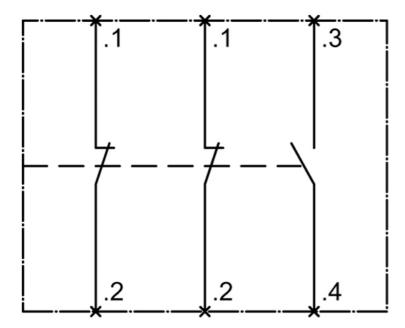
http://support.automation.siemens.com/WW/view/en/3RH2911-1HA12/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1HA12







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