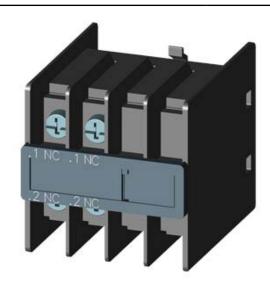
SIEMENS

Data sheet 3RH2911-4HA02



AUX.SWITCH BLOCK,FRONT,2NC, CURR.PATH: 1NC, 1NC, F. CONT. RELAYS A. MOTOR CONT., 3RT2 RING CABLE LUG CONNECTION .1 / .2,.1 / .2

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, 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
Surge voltage resistance Rated value	kV	6

Auxiliary circuit:		
Number of NC contacts for auxiliary contacts		
• instantaneous contact		2
 lagging switching 		0
Number of NO contacts for auxiliary contacts		
• instantaneous contact		0
leading contact		0
Operating current of the auxiliary contacts at AC-12		
● at 24 V	Α	10

● at 230 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
— at AC-15		
— at 24 V	Α	6
— at 230 V	Α	6
— at 400 V	Α	3
• at AC-15 at 690 V Rated value	Α	1
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	Α	6
— at 60 V	Α	2
— at 110 V	Α	1
— at 220 V	Α	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:		
Mounting type		snap-on mounting
Width	mm	36
Height	mm	37.5
Depth	mm	43.7

current circuit	
Safety related data:	
Product function Mirror contact acc. to IEC 60947-4-1	Yes
• Note	with 3RT2
Product function positively driven operation acc. to IEC 60947-5-1	Yes
Note	with 3RH2

Certificates/ approvals:

Connections/ Terminals:

General Product Approval	Declaration of	Test
	Conformity	Certificates





Type of electrical connection for auxiliary and control







ring cable connection

Type Test
Certificates/Test
Report

Test	Shipping Approval
Certificates	

Special Test Certificate







other



GL



Shipping Approval







Environmental Confirmations



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&mlfb=3RH29114HA02

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RH29114HA02/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RH29114HA02&lang=en

