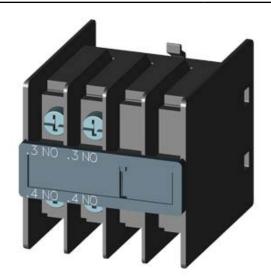
SIEMENS

Data sheet

3RH2911-4HA20



AUX.SWITCH BLOCK,FRONT,2NO, CURR.PATH: 1NO, 1NO, F. CONT. RELAYS A. MOTOR CONT., 3RT2 RING CABLE LUG CONNECTION .3 / .4, .3 / .4

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 		0
 lagging switching 		0
Number of NO contacts for auxiliary contacts		
 instantaneous contact 		2
leading contact		0
Operating current of the auxiliary contacts at AC-12		
• at 24 V	А	10

• at 230 V	А	10
• maximum	A	10
Operating current		
of the auxiliary contacts		
— at AC-14		
— at 125 V	А	6
— at 250 V	A	6
— at AC-15		
— at 24 V	А	6
— at 230 V	A	6
— at 400 V	A	3
 at 400 V at AC-15 at 690 V Rated value 	A	1
Operating current		
with 2 current paths in series at DC-12		
- at 24 V Rated value	А	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	А	2.5
— at 600 V Rated value	A	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	А	10
— at 60 V Rated value	А	3.5
— at 110 V Rated value	А	1.3
— at 220 V Rated value	А	0.9
— at 440 V Rated value	А	0.2
— at 600 V Rated value	А	0.1
• with 3 current paths in series at DC-13		
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— at 24 V Rated value	А	10
— at 60 V Rated value	А	4.7
— at 110 V Rated value	А	3
— at 220 V Rated value	А	1.2
— at 440 V Rated value	А	0.5
— at 600 V Rated value	А	0.26

Installation/ mounting/ dimensions:			
Mounting type		snap-on mounting	
Width	mm	36	
Height	mm	37.5	
Depth	mm	43.7	

Connections/ Terminals:	
Type of electrical connection for auxiliary and control	ring cable connection
current circuit	
Safety related data:	
Product function Mirror contact acc. to IEC 60947-4-1	Yes
	14 ODTO

• Note	with 3R12
Product function positively driven operation acc. to	Yes
IEC 60947-5-1	
• Note	with 3RH2

Certificates/ approvals:General Product ApprovalDeclaration of
ConformityTest
Certificates $\overbrace{\mathsf{Ccc}}_{\mathsf{Ccc}}$ $\overbrace{\mathsf{CsA}}^{\mathsf{F}}$ $\overbrace{\mathsf{Op}}_{\mathsf{UL}}$ $\fbox{\mathsf{Certificates}}_{\mathsf{EG-Konf.}}$ $\overbrace{\mathsf{Certificates/Test}}^{\mathsf{Type Test}}$
 $\underset{\mathsf{Report}}{\mathsf{Fertificates/Test}}$

Test	Shipping App	proval			
Certificates					
Special Test Certificate	ABS	BUREAU VERITAS	DINV DINV	GL GL	Llovd's Register
Shipping Appro	oval		other		
PRS	RINA	RMRS	Environmental Confirmations		

⁻urther information

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=3RH29114HA20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RH29114HA20/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RH29114HA20&lang=en

