SIEMENS

Data sheet 3RH2911-4HA31



Auxiliary switch on the front, 3 NO + 1 NC Current path 1 NC, 1 NO, 1 NO, 1 NO for 3RH and 3RT Ring cable lug connection .1/.2, .3/.4, .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	IP00
ambient temperature	
during storage	-55 +80 °C
during operation	-25 +60 °C
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
 instantaneous contact 	1
lagging switching	0
number of NO contacts for auxiliary contacts	
 instantaneous contact 	3
leading contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
maximum	10 A
operational current	
 of auxiliary contacts 	
— at AC-14	
— at 125 V	6 A
— at 250 V	6 A
— at AC-15	
— at 24 V	6 A
— at 230 V	6 A
— at 400 V	3 A
at AC-15 at 690 V rated value	1 A
operational current	
 of auxiliary contacts at DC-12 	
— at 24 V	10 A

— at 110 V	3 A	
— at 220 V	1 A	
 with 2 current paths in series at DC-12 		
— at 24 V rated value	10 A	
— at 60 V rated value	10 A	
— at 110 V rated value	4 A	
— at 220 V rated value	2 A	
— at 440 V rated value	1.3 A	
— at 600 V rated value	0.65 A	
 with 3 current paths in series at DC-12 		
— at 24 V rated value	10 A	
— at 60 V rated value	10 A	
— at 110 V rated value	10 A	
— at 220 V rated value	3.6 A	
— at 440 V rated value	2.5 A	
— at 600 V rated value	1.8 A	
operational current		
of auxiliary contacts at DC-13		
— at 24 V	6 A	
— at 60 V	2 A	
— at 110 V	1 A	
— at 220 V	0.3 A	
 with 2 current paths in series at DC-13 		
— at 24 V rated value	10 A	
— at 60 V rated value	3.5 A	
— at 110 V rated value	1.3 A	
— at 220 V rated value	0.9 A	
— at 440 V rated value	0.2 A	
— at 600 V rated value	0.1 A	
 with 3 current paths in series at DC-13 		
— at 24 V rated value	10 A	
— at 60 V rated value	4.7 A	
— at 110 V rated value	3 A	
— at 220 V rated value	1.2 A	
— at 440 V rated value	0.5 A	
— at 600 V rated value	0.26 A	
Installation/ mounting/ dimensions		
fastening method	snap-on mounting	
width	36 mm	
height	37.5 mm	
depth	43.7 mm	
Connections/ Terminals		
type of electrical connection for auxiliary and control	ring cable connection	
circuit	g case commode.	
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		
General Product Approval		EMC
25		•







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Functional Safety/Safety of Machinery

Test Certificates

Marine / Shipping

Type Examination Certificate Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other









Confirmation



Railway

Vibration and Shock

Type Test Certificates/Test Report

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2911-4HA31

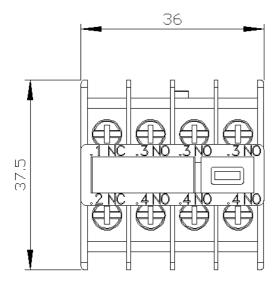
Cax online generator

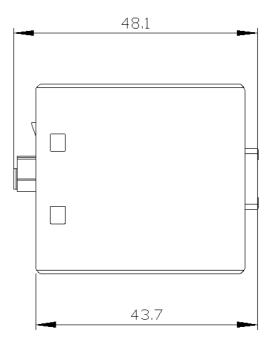
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RH2911-4HA31}}$

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

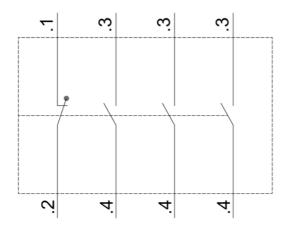
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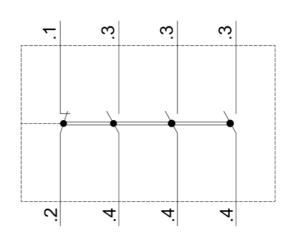
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RH2911-4HA31&lang=en





3RT2 3RH2





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