SIEMENS

Data sheet 3RH2911-4HA13



auxiliary switch, on the front, 1 NO + 3 NC, .1/.2, .1/.2, .1/.2, .3/.4, current path: 1 NC, 1 NC, 1 NO, ring cable lug connection, for contactors 3RT2 and contactor relays 3RH2

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	for snapping onto the front
product type designation	3RH29
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	S00, S0, S2, S3
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP00
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	200 000
Substance Prohibitance (Date)	10/01/2009
number of NC contacts for auxiliary contacts	
 instantaneous contact 	3
lagging switching	0
number of NO contacts for auxiliary contacts	
 instantaneous contact 	1
leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current at AC-15 at 690 V rated value	1 A
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
operational current of auxiliary contacts at AC-14	
• at 125 V	6 A
• at 250 V	6 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
● at 24 V	6 A
• at 230 V	6 A
• at 400 V	3 A
operational current of auxiliary contacts at DC-12	
• at 24 V	10 A
• at 110 V	3 A
• at 220 V	1 A
operational current with 2 current paths in series at DC-12	
• at 24 V rated value	10 A

• alt 10 V rated value		
at 220 V rated value	at 60 V rated value	10 A
### ### #### #########################	at 110 V rated value	4 A
e at 500 V rated value	at 220 V rated value	2 A
operational current with 3 current paths in series at DC-12 al 24 Y rated value at 100 Y rated value at 1100 Y rated value at 24 O Y rated value at 25 A at 2600 Y rated value at 25 A at 2600 Y rated value at 2600 Y rated value at 2600 Y rated value at 27 A rated value at 27 A rated value at 28 O Y rated value at 29 O Y rated value at 29 O Y rated value at 20 O Y rated va	at 440 V rated value	1.3 A
* at 24 V rated value	at 600 V rated value	0.65 A
at 80 V rated value	operational current with 3 current paths in series at DC-12	
at 110 V rated value 3.6 A	at 24 V rated value	10 A
at 220 V rated value	at 60 V rated value	10 A
a 1440 V rated value poperational current with 2 current paths in series at DC-13 a 124 V rated value a 1860 V rated value b 1860 V rated value a 1860 V rated value a 1860 V rated value b 1860 V rated value a 18	at 110 V rated value	10 A
• at 600 V rated value operational current with 2 current paths in series at DC-13 • at 24 V rated value 10 A 3.5 A • at 110 V rated value 1.3 A • at 220 V rated value • at 60 V rated value • at 440 V rated value • at 440 V rated value • at 60 V rated value • at 24 V rated value • at 24 V rated value • at 110 V rated value • at 24 V rated value • at 110 V rated value • at 600 V rated value • at 22 V • at 125 V • at	at 220 V rated value	3.6 A
operational current with 2 current paths in series at DC-13 at 24 V rated value at 60 V rated value 3.5 A at 110 V rated value 3.5 A at 110 V rated value 0.9 A at 40 V rated value 0.1 A operational current with 3 current paths in series at DC-13 at 60 V rated value 0.1 A operational current with 3 current paths in series at DC-13 at 60 V rated value 10 A at 160 V rated value 11 A at 100 V rated value 12 A at 160 V rated value 12 A at 160 V rated value 12 A at 40 V rated value 13 A at 40 V at 60 V rated value 14 A at 40 V at 160 V rated value 15 A at 20 V at 110 V at 125 V at 125 V at 125 V 3 A at 125 V 5 A at 125 V 6 A at 125 V 7 A at 125 V	at 440 V rated value	2.5 A
operational current with 2 current paths in series at DC-13 at 24 V rated value at 60 V rated value 3.5 A at 110 V rated value 3.5 A at 110 V rated value 0.9 A at 40 V rated value 0.1 A operational current with 3 current paths in series at DC-13 at 60 V rated value 0.1 A operational current with 3 current paths in series at DC-13 at 60 V rated value 10 A at 160 V rated value 11 A at 100 V rated value 12 A at 160 V rated value 12 A at 160 V rated value 12 A at 40 V rated value 13 A at 40 V at 60 V rated value 14 A at 40 V at 160 V rated value 15 A at 20 V at 110 V at 125 V at 125 V at 125 V 3 A at 125 V 5 A at 125 V 6 A at 125 V 7 A at 125 V	at 600 V rated value	1.8 A
* at 24 V rated value	operational current with 2 current paths in series at DC-13	
at 110 V rated value		10 A
	at 60 V rated value	3.5 A
	at 110 V rated value	1.3 A
operational current with 3 current paths in series at DC-13 at 24 V rated value at 110 V rated value 3 A at 220 V rated value 1.2 A at 600 V rated value 3 A at 600 V rated value 3 A at 600 V rated value 5 A 6 A 2 A 4 A 4 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5	at 220 V rated value	0.9 A
operational current with 3 current paths in series at DC-13 at 24 V rated value at 110 V rated value 3 A at 220 V rated value 1.2 A at 600 V rated value 3 A at 600 V rated value 3 A at 600 V rated value 5 A 6 A 2 A 4 A 4 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5	at 440 V rated value	0.2 A
operational current with 3 current paths in series at DC-13 • at 24 V rated value • at 110 V rated value • at 110 V rated value • at 220 V rated value • at 440 V rated value • at 440 V rated value • at 600 V rated value • at 600 V rated value • at 48 V • at 48 V • at 148 V • at 110 V • at 125 V • out 20 V • at 110 V • at 125 V • out 20 V	at 600 V rated value	
	·	10 A
	at 110 V rated value	3 A
		1.2 A
at 600 V rated value operational current of auxiliary contacts at DC-13 at 24 V at 60 V 2 A at 60 V 2 A at 100 V at 125 V 0.3 A at 250 V 0.3 A contact reliability of auxiliary contacts ambient temperature during operation during storage -55 +60 °C 4 during operation emirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 positively driven operation according to IEC 60947-5-1 positively driven operations fastening method height 37.5 mm width depth Connections Approvals Certificates type of electrical connection for auxiliary and control circuit Approvals Certificates		
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at 10 V at 125 V at 125 V at 220 V at 250 V at 250 V at 250 V contact reliability of auxiliary contacts Ambient conditions ambient temperature during operation during storage -25 +60 °C -55 +80 °C Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 special auxiliary contacts fastening method height 37.5 mm width 38 mm depth Connections/ Terminals type of electrical connection for auxiliary and control circuit Approvals Certificates		
at 125 V at 220 V at 250 V contact reliability of auxiliary contacts ambient conditions ambient temperature during operation during storage -25 +60 °C -55 +80 °C Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 positively driven operation according to IEC 60947-5-1 positively driven operation according to IEC 60947-5-1 approving the safe in the safe	● at 60 V	2 A
at 220 V at 250 V at	• at 110 V	1 A
ontact reliability of auxiliary contacts ambient conditions ambient temperature ouring operation ouring storage Safety related data product function omirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 opositively driven operation according to IEC 60947-5-1 ontact reliability of auxiliary contacts fastening method height installation/ mounting/ dimensions fastening method height installation/ Terminals installation/ Terminals installation/ Terminals installations/ Terminals	● at 125 V	0.9 A
ontact reliability of auxiliary contacts ambient conditions ambient temperature ouring operation oduring storage Safety related data product function omirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 opositively driven operation according to IEC 60947-5-1 ontact reliability of auxiliary contacts fastening method height installation/ mounting/ dimensions fastening method height installation/ Terminals installation/ Terminals type of electrical connection for auxiliary and control circuit Approvals Certificates		
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Ambient conditions ambient temperature • during operation • during storage Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 • positively driven operation according to IEC 60947-5-1 • positively driven operation according to IEC 60947-5-1 • positively driven operation according to IEC 60947-5-1 installation/ mounting/ dimensions fastening method height installation/ mounting/ dimensions fastening method height installation/ mounting/ dimensions fastening method height installation/ mounting/ dimensions fastening method height installation/ mounting/ dimensions fastening method height installation/ mounting/ dimensions fastening method height installation/ mounting/ dimensions fastening method installation/ mounting/ dimensions fastening meth		
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product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Installation/ mounting/ dimensions fastening method snap-on mounting height 37.5 mm width 36 mm depth 43.7 mm Connections/ Terminals type of electrical connection for auxiliary and control circuit Approvals Certificates		
product function		
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contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method snap-on mounting height 37.5 mm width 36 mm depth 43.7 mm Connections/ Terminals type of electrical connection for auxiliary and control circuit Approvals Certificates		
Installation/ mounting/ dimensions fastening method snap-on mounting height 37.5 mm width 36 mm depth 43.7 mm Connections/ Terminals type of electrical connection for auxiliary and control circuit ring terminal lug connection Approvals Certificates	. ,	
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Connections/ Terminals type of electrical connection for auxiliary and control circuit ring terminal lug connection Approvals Certificates		
type of electrical connection for auxiliary and control circuit ring terminal lug connection Approvals Certificates	•	
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		g toaring contribution
General Froduct Approval		
	General Product Approval	



Confirmation





<u>KC</u>



EMC

Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates



Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate

Marine / Shipping













Marine / Shipping

other

Railway

Environment



Confirmation



Type Test Certificates/Test Report Vibration and Shock

Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RH2911-4HA13

Cax online generator

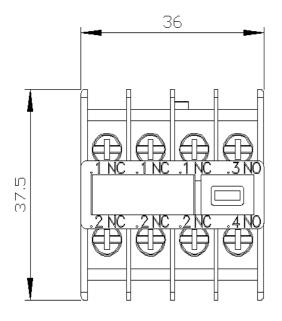
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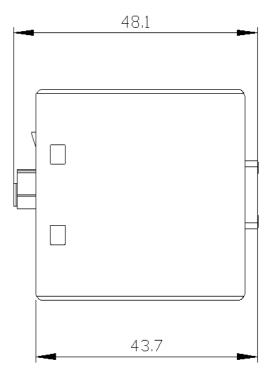
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

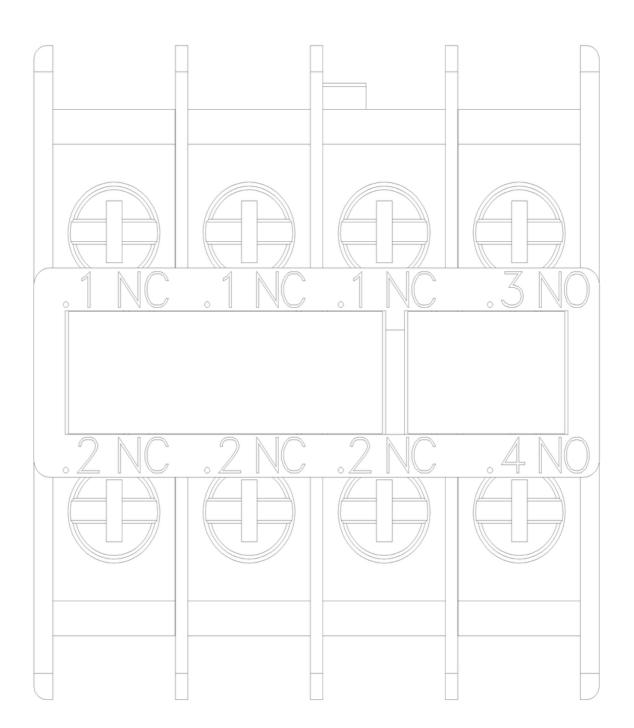
https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4HA13

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

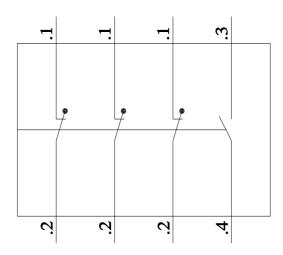
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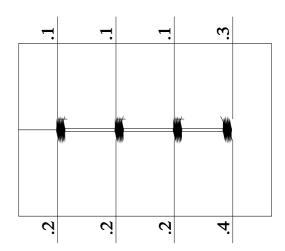






3RT2 3RH2





last modified: 1/27/2022 🖸