



Auxiliary switch on the front, 1 NO + 2 NC Current path 1 NC, 1 NC, 1 NO for 3RH and 3RT Ring cable lug connection .1/.2, .1/.2, .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	2
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	1
• 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

<ul style="list-style-type: none"> <li>with 2 current paths in series at DC-12 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>with 3 current paths in series at DC-12 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> </ul>	10 A 10 A 4 A 2 A 1.3 A 0.65 A  10 A 10 A 10 A 3.6 A 2.5 A 1.8 A
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<b>operational current</b>	
<ul style="list-style-type: none"> <li>of auxiliary contacts at DC-13 <ul style="list-style-type: none"> <li>at 24 V</li> <li>at 60 V</li> <li>at 110 V</li> <li>at 220 V</li> </ul> </li> <li>with 2 current paths in series at DC-13 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>with 3 current paths in series at DC-13 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> </ul>	6 A 2 A 1 A 0.3 A  10 A 3.5 A 1.3 A 0.9 A 0.2 A 0.1 A  10 A 4.7 A 3 A 1.2 A 0.5 A 0.26 A

**Installation/ mounting/ dimensions**

<b>fastening method</b>	snap-on mounting
<b>width</b>	36 mm
<b>height</b>	37.5 mm
<b>depth</b>	43.7 mm

**Connections/ Terminals**

<b>type of electrical connection for auxiliary and control circuit</b>	ring terminal lug connection
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**Safety related data**

<b>product function mirror contact according to IEC 60947-4-1</b>	Yes
<ul style="list-style-type: none"> <li>note</li> </ul>	with 3RT2
<b>product function positively driven operation according to IEC 60947-5-1</b>	Yes
<ul style="list-style-type: none"> <li>note</li> </ul>	with 3RH2

**Certificates/ approvals**

**General Product Approval**



[Confirmation](#)



[KC](#)



<b>EMC</b>	<b>Functional Safety/Safety of Machinery</b>	<b>Test Certificates</b>	<b>Marine / Shipping</b>
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[Type Examination Certificate](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping

other



[Environmental Confirmations](#)

other

Railway

[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Vibration and Shock](#)

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=3RH2911-4HA12>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4HA12>

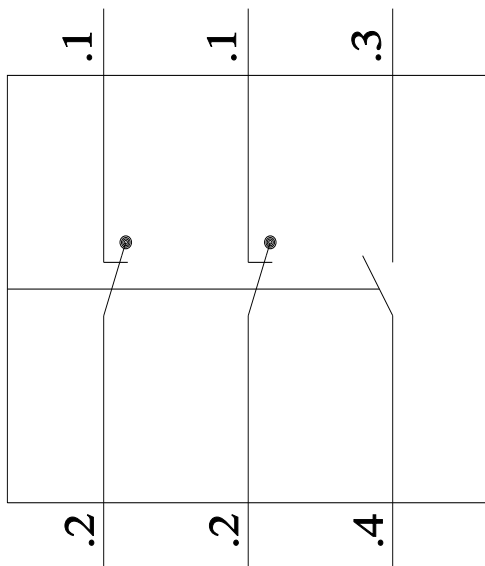
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4HA12>

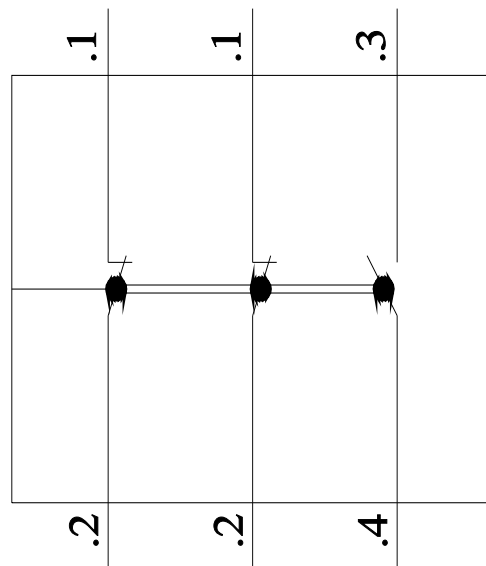
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-4HA12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4HA12&lang=en)

3RT2



3RH2



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1/27/2022 