



Auxiliary switch on the front, 2 NO + 2 NC Current path 1 NO, 1 NO, 1 NC, 1 NC for 3RH and 3RT screw terminal .3/.4, .3/.4, .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	-55 ... +80 °C
• during operation	-25 ... +60 °C
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating 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	2
• 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

<ul style="list-style-type: none"> <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> <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 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		
<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		
<b>Installation/ mounting/ dimensions</b>			
<b>fastening method</b>	snap-on mounting		
<b>width</b>	36 mm		
<b>height</b>	37.5 mm		
<b>depth</b>	43.7 mm		
<b>Connections/ Terminals</b>			
<b>type of electrical connection for auxiliary and control circuit</b>	screw-type terminals		
<b>type of connectable conductor cross-sections</b>			
<ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>— finely stranded</li> <li>— with core end processing</li> </ul> </li> <li>• at AWG cables for auxiliary contacts</li> </ul>	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ) 2x (20 ... 16), 2x (18 ... 14)		
<b>Safety related data</b>			
<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		
<b>Certificates/ approvals</b>			
<table> <tr> <td>General Product Approval</td><td>EMC</td></tr> </table>		General Product Approval	EMC
General Product Approval	EMC		



[Confirmation](#)



Functional Safety/Safety of	Declaration of Conformity	Test Certificates	Marine / Shipping
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Machinery				
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[Type Examination Certificate](#)



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping
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other	Railway	Environment
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[Confirmation](#)



[Vibration and Shock](#)

[Special Test Certificate](#)

[Environmental Confirmations](#)

Further information
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**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=3RH2911-1FA22-0MA0>

**Cax online generator**

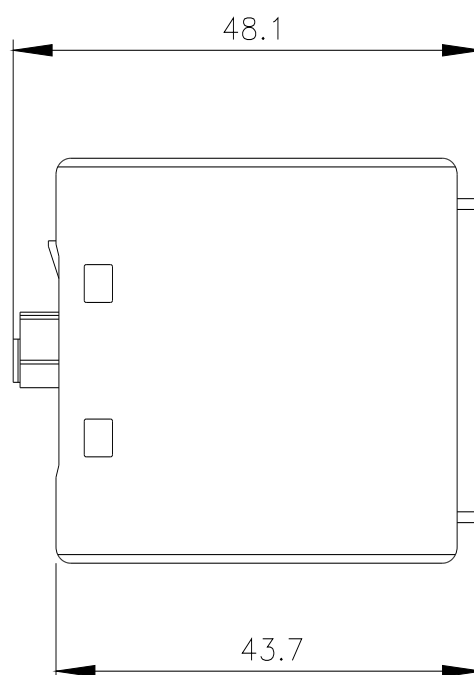
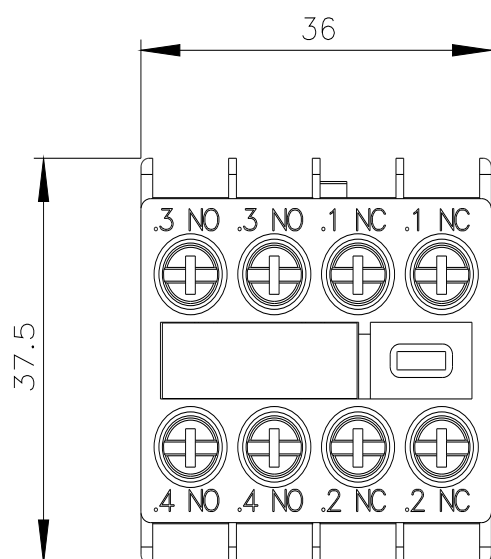
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-1FA22-0MA0>

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

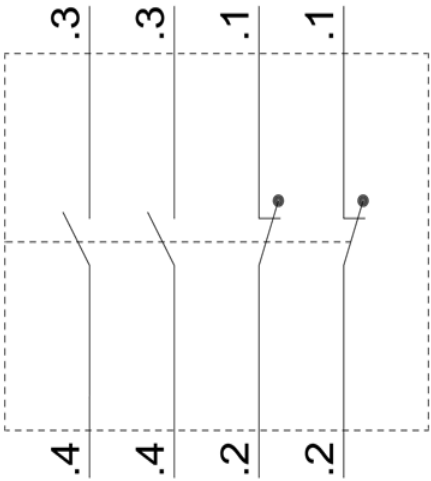
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1FA22-0MA0>

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

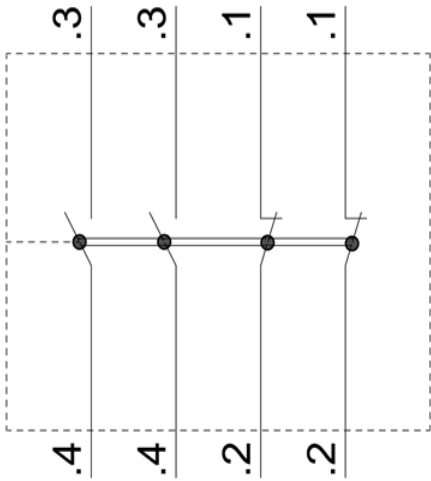
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-1FA22-0MA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-1FA22-0MA0&lang=en)



3RT2



3RH2



last modified:

1/18/2021 