



auxiliary switch, solid-state compatible, on the front, 2 NC, .1/2, --/--, --/--, .1/2, current path: 1 NC (solid-state compatible), --, --, 1 NC (solid-state compatible), ring cable lug connection, for contactors 3RT2 and contactor relays 3RH2

<b>product brand name</b>	SIRIUS
<b>product category</b>	Auxiliary switch
<b>product designation</b>	auxiliary switch
<b>design of the product</b>	for snapping onto the front
<b>product type designation</b>	3RH29
<b>General technical data</b>	
insulation voltage with degree of pollution 3 at AC rated value	690 V
<b>surge voltage resistance rated value</b>	6 kV
protection class IP on the front	IP00
<b>mechanical service life (operating cycles) typical</b>	5 000 000
<b>Substance Prohibition (Date)</b>	10/01/2009
<b>number of NC contacts for auxiliary contacts</b>	
• instantaneous contact	2
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	0
• leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
<b>operational current of auxiliary contacts at DC-13</b>	
• at 24 V	0.3 A
• at 48 V	0.3 A
• at 60 V	0.3 A
<b>contact reliability of auxiliary contacts</b>	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +60 °C
• during storage	-55 ... +80 °C
<b>Environmental footprint</b>	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO2 eq] total	0.397 kg
Global Warming Potential [CO2 eq] during manufacturing	0.375 kg
Global Warming Potential [CO2 eq] during operation	0.0014 kg
Global Warming Potential [CO2 eq] after end of life	0.02 kg
<b>Safety related data</b>	
<b>product function</b>	
• mirror contact according to IEC 60947-4-1	Yes; with 3RT2.2/3/4
• positively driven operation according to IEC 60947-5-1	No
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)

Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	37.5 mm
width	36 mm
depth	43.7 mm
type of electrical connection for auxiliary and control circuit	ring terminal lug connection

### Approvals Certificates

#### General Product Approval



[Confirmation](#)



General Product Approval	EMV	Test Certificates	Marine / Shipping
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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[Miscellaneous](#)

other	Railway
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[Confirmation](#)



[Type Test Certificates/Test Report](#)

### 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=3RH2911-4NF02>

Cax online generator

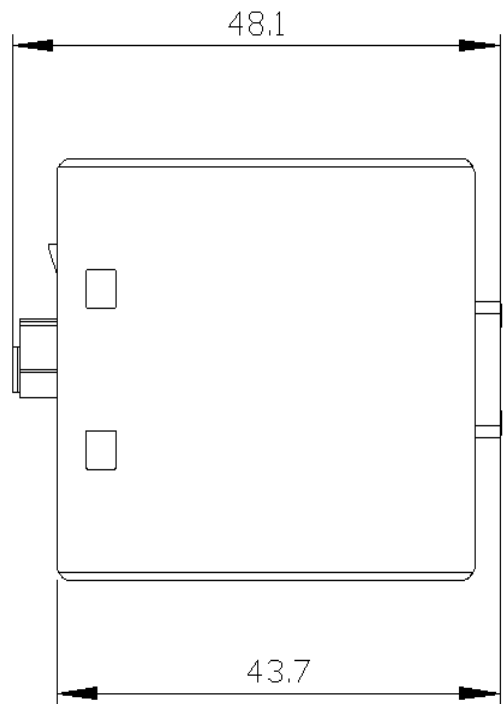
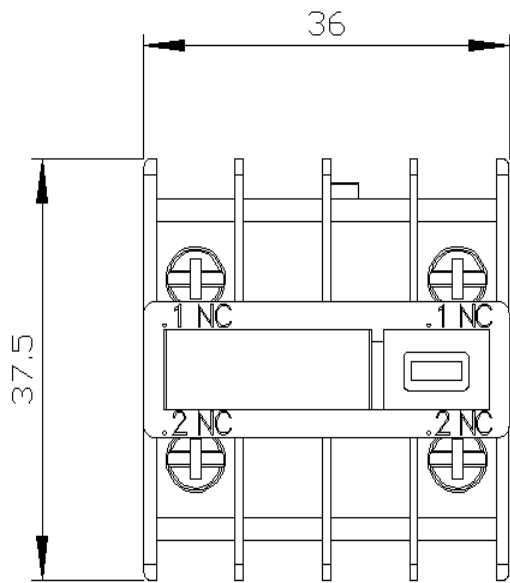
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4NF02>

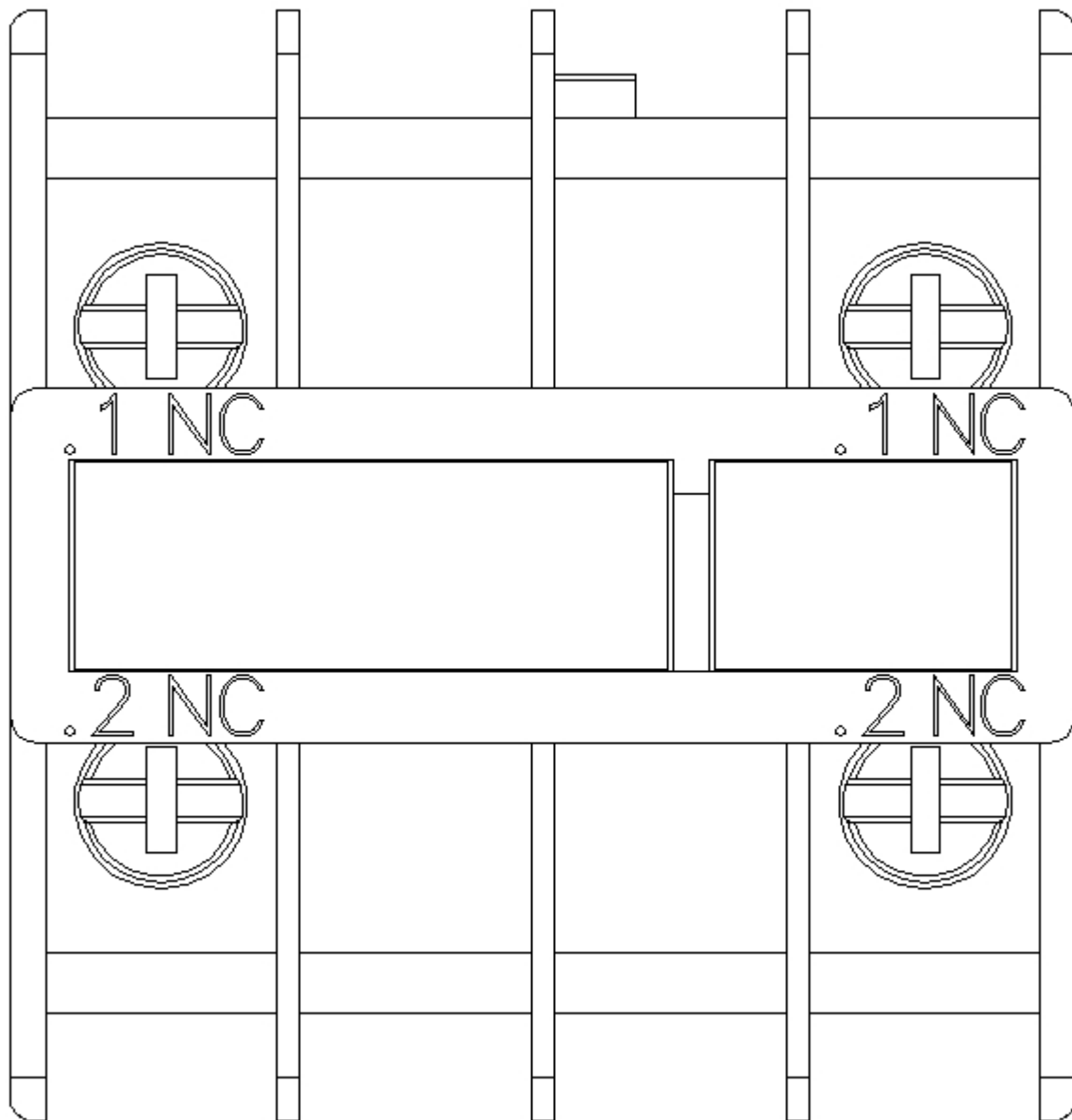
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4NF02>

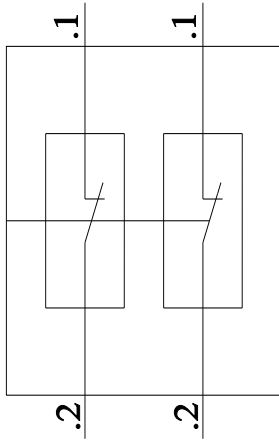
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-4NF02&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4NF02&lang=en)

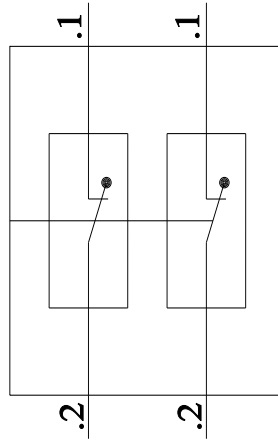




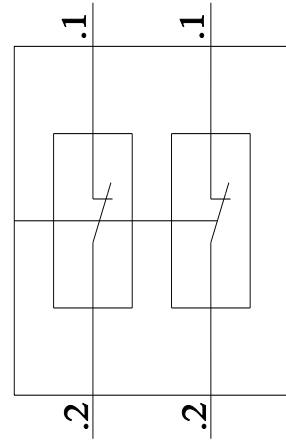
3RT2x1



3RT2x2 / 3RT2x3 / 3RT2x4



3RH2



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last modified:

12/2/2023 