

Electron. contr. auxiliary switch on the front, 1 NO + 1 NC Current path 1 NO, 1 NC for 3RH and 3RT spring-type terminal .3/.4, --/--, --/--, .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	
<ul style="list-style-type: none"> during storage during operation 	-55 ... +80 °C -25 ... +60 °C
Mechanical service life (switching cycles) typical	5 000 000
Contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (5 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	
<ul style="list-style-type: none"> instantaneous contact lagging switching 	1 0
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> instantaneous contact 	1

<ul style="list-style-type: none"> • leading contact 	0
Operating current	
<ul style="list-style-type: none"> • of auxiliary contacts at DC-13 <ul style="list-style-type: none"> — at 24 V — at 60 V 	0.3 A 0.3 A

Installation/ mounting/ dimensions

Mounting type	snap-on mounting
Width	36 mm
Height	41.5 mm
Depth	47.7 mm

Connections/ Terminals

Type of electrical connection for auxiliary and control current circuit	spring-loaded terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded <ul style="list-style-type: none"> — with core end processing — without core end processing • at AWG conductors for auxiliary contacts 	2x (0.5 ... 1.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 14)

Safety related data

Product function Mirror contact acc. to IEC 60947-4-1	Yes
<ul style="list-style-type: none"> • Note 	with 3RT2.2
Product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
--------------------------	-----	---------------------------



CCC



CSA



UL



RCM



EG-Konf.

Declaration of Conformity	Test Certificates	Shipping Approval
---------------------------	-------------------	-------------------

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



BUREAU VERITAS



LRS

Shipping Approval	other	Railway
-------------------	-------	---------



PRS



RINA



RMRS

[Confirmation](#)



VDE

[Vibration and Shock](#)

Railway

[Special Test Certificate](#)

[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=3RH2911-2NF11>

Cax online generator

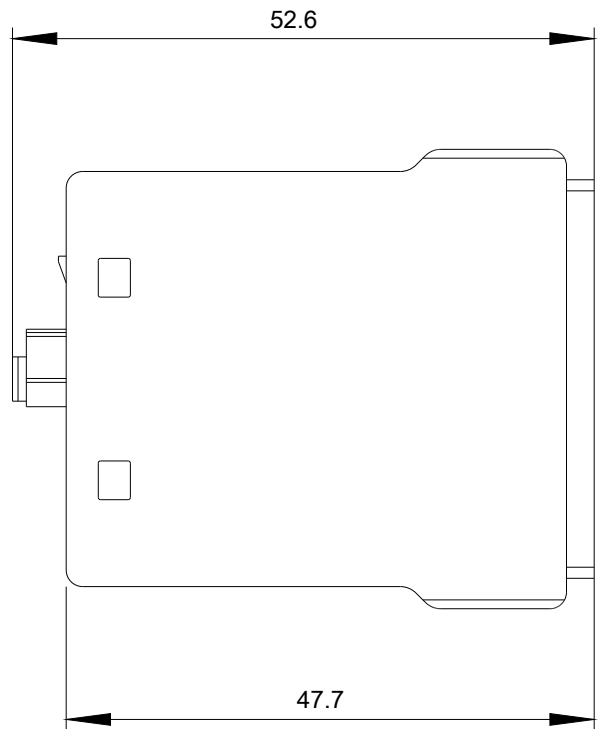
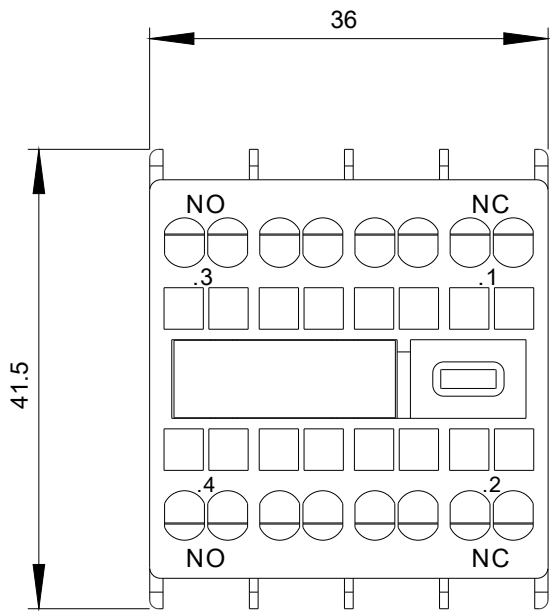
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF11>

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

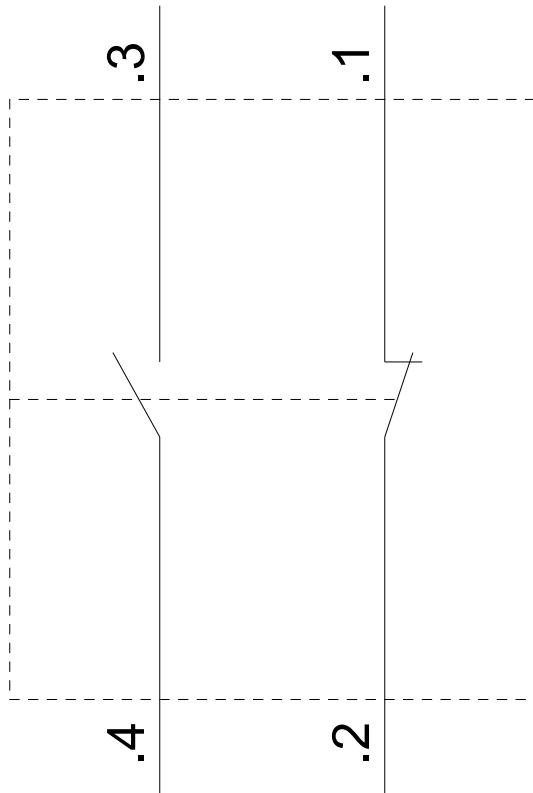
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NF11>

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

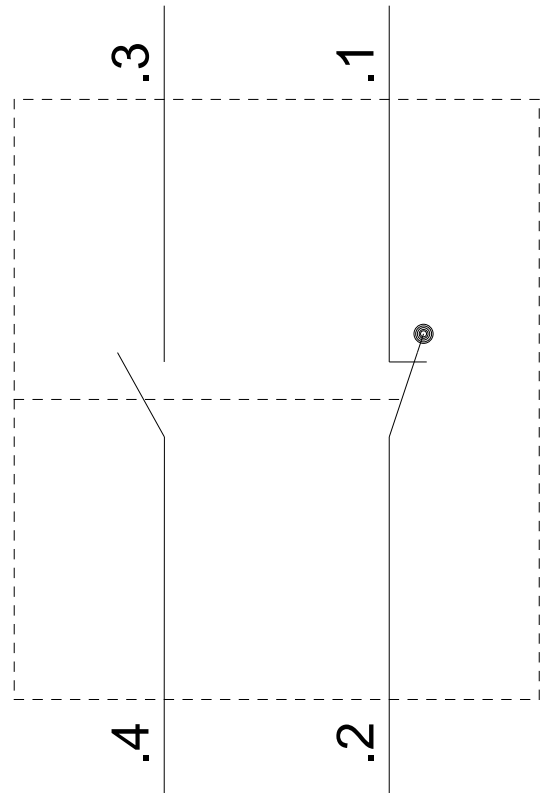
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NF11&lang=en



3RT2.1



3RT2.2/3/4



last modified:

08/31/2020