

SOLID-STATE COMP. AUX. SW BL.FR
 1NO+1NC,CURR.PATH:1NO,-,-,1NC, F. CONT. RELAYS A.
 MOTOR CONT., 3RT2 SPRING-LOADED TERMINAL .3 / .4,-- / --,--
 /-,.1 / .2



General technical data	
product brandname	SIRIUS
Suitability for use	Contact 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	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
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 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	
• instantaneous contact	1
• leading contact	0
Operating current	
• of auxiliary contacts at DC-13	
— at 24 V	0.3 A
— at 60 V	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	
• for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.5 mm ²)
— without core end processing	2x (0.5 ... 2.5 mm ²)
• at AWG conductors for auxiliary contacts	2x (20 ... 14)




Safety related data

Product function Mirror contact acc. to IEC 60947-4-1	Yes
• Note	with 3RT2.2
Product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/approvals

General Product Approval				Declaration of Conformity	Test Certificates
 CCC	 CSA	 UL		 EG-Konf.	Type Test Certificates/Test Report

Test Certificates	Shipping Approval				
Special Test Certificate	 ABS	 BUREAU VERITAS	 GL	 LRS	 PRS

Shipping Approval	other		
 RINA	 RMRS	Environmental Confirmations	Confirmation  VDE

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2911-2NF11>

Cax online generator

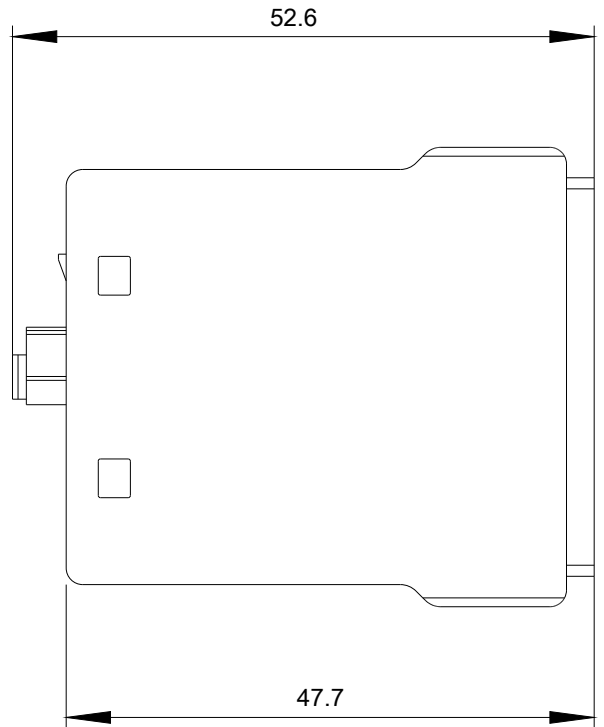
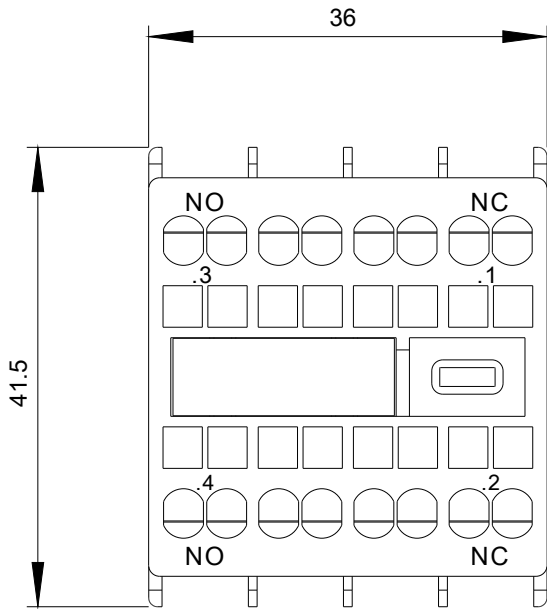
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF11>

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

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

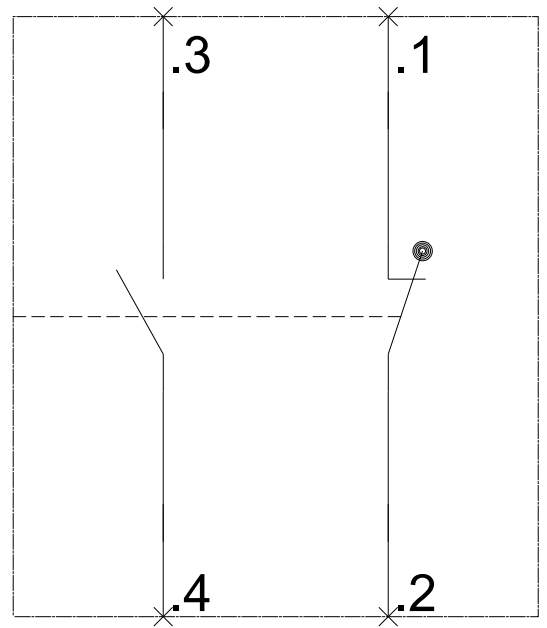
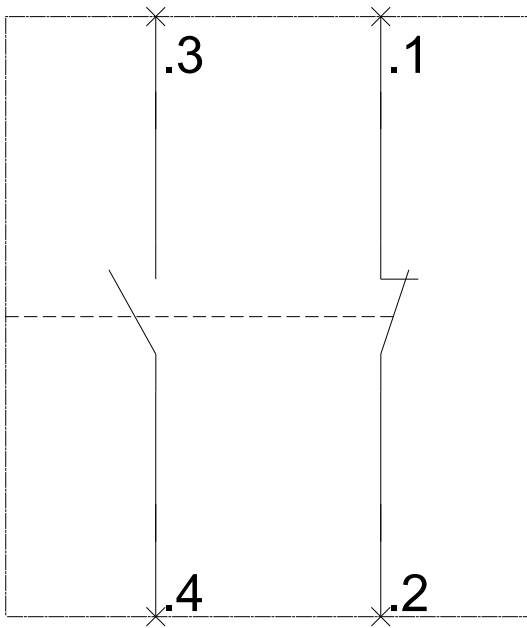
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

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



3RT201

3RT202



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06/20/2017