

Electron. contr. auxiliary switch 2 NC, current path 1 NC, --, --, 1 NC
front-side for 3RH and 3RT screw terminal .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 (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	
• instantaneous contact	2
• lagging switching	0

Number of NO contacts for auxiliary contacts	
• instantaneous contact	0
• 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	37.5 mm
Depth	43.7 mm
Connections/Terminals	
Type of electrical connection for auxiliary and control current circuit	screw-type terminals
Type of connectable conductor cross-sections	
• for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• at AWG conductors for auxiliary contacts	2x (20 ... 16), 2x (18 ... 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	 LRS	 PRS	 RINA

Shipping Approval	other	Railway
 RMRS	Confirmation  VDE	Vibration and Shock

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=3RH2911-1NF02>

Cax online generator

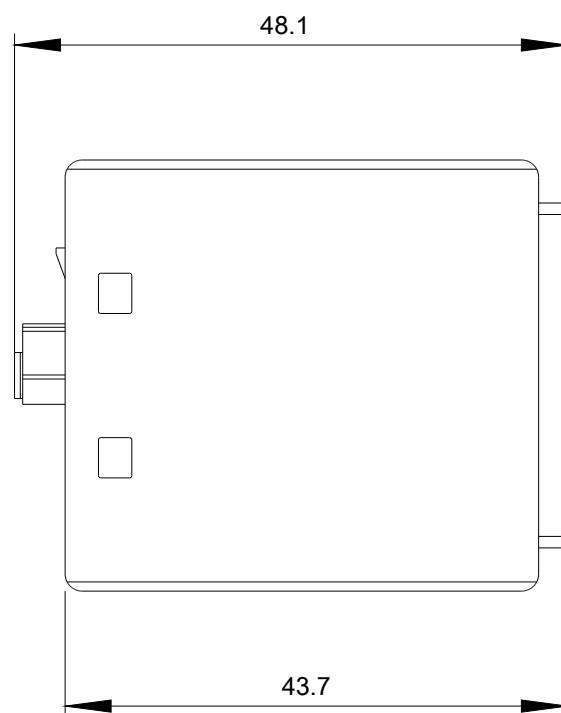
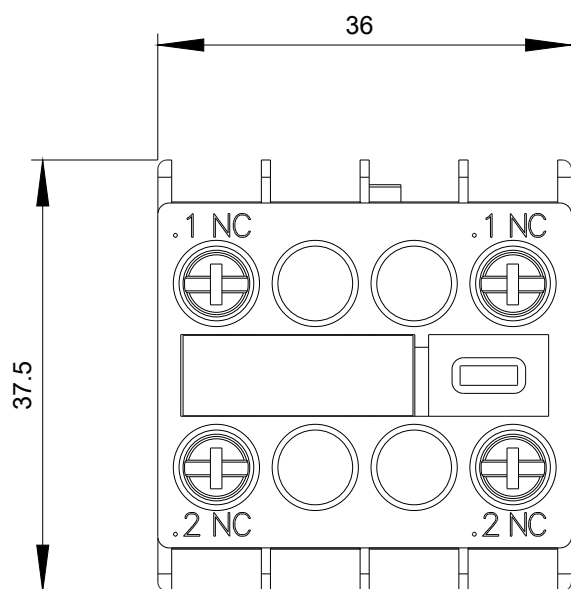
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-1NF02>

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

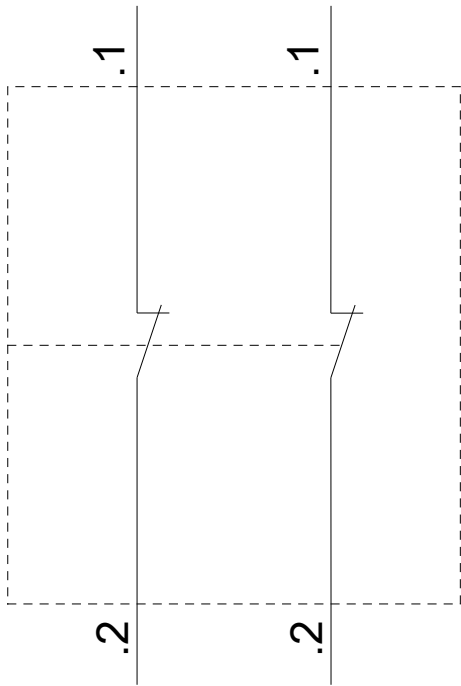
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1NF02>

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

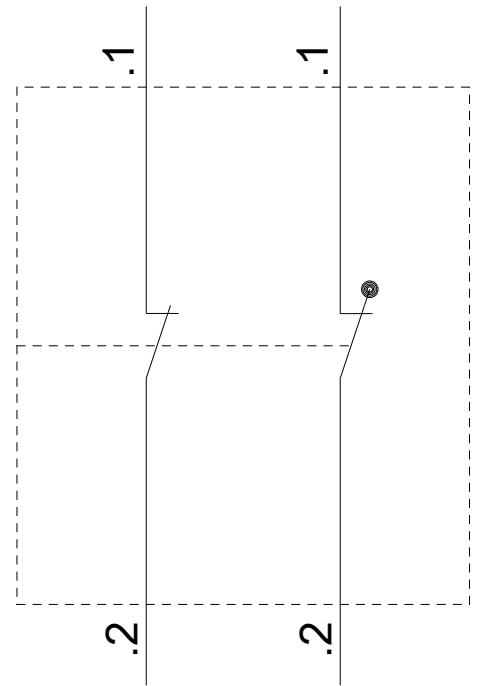
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3RT2.1



3RT2.2/3/4



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