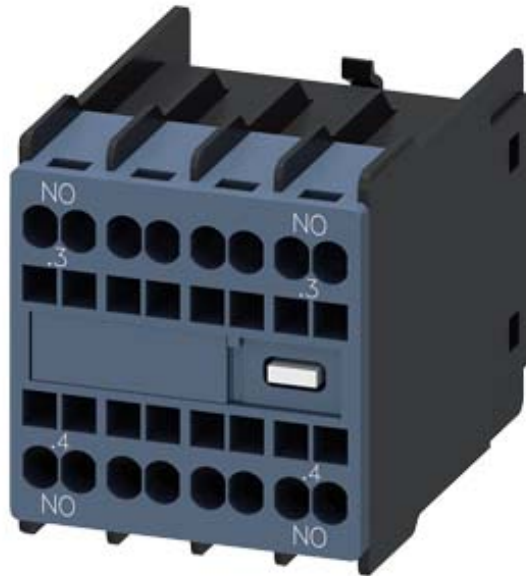


SOLID-STATE COMP. AUX. SW BL.FR 2S, CURR.PATH: 1NO,--,--
 ,1NO, F. CONT. RELAYS A. MOTOR CONT., 3RT2 SPRING-
 LOADED TERMINAL .3 / .4,-- / --,-- /--,3 / .4



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 	0 0

Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> • instantaneous contact • leading contact 	<p>2</p> <p>0</p>
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 	<p>0.3 A</p> <p>0.3 A</p>





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 	<p>2x (0.5 ... 1.5 mm²)</p> <p>2x (0.5 ... 2.5 mm²)</p> <p>2x (20 ... 14)</p>

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	
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General Product Approval				Declaration of Conformity	Test Certificates
 CCC	 CSA	 UL		 EG-Konf.	Special Test Certificate

Test Certificates	Shipping Approval				
Type Test Certificates/Test Report	 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=3RH2911-2NF20>

Cax online generator

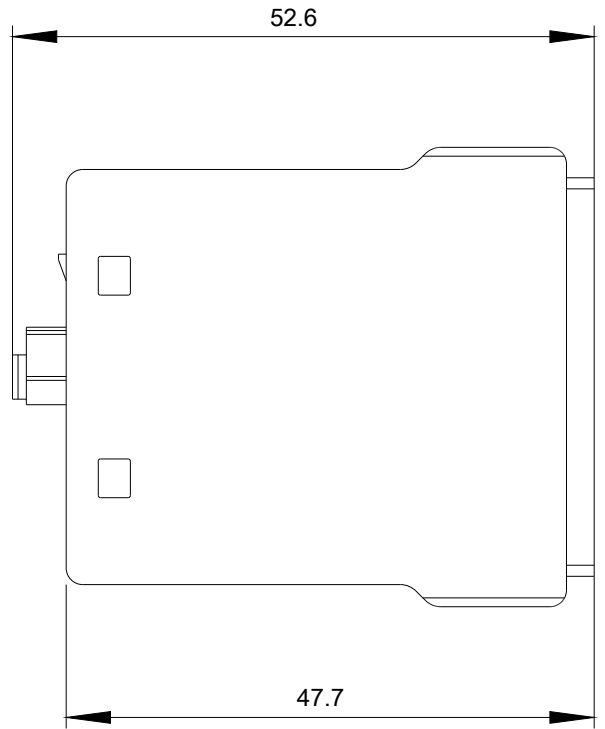
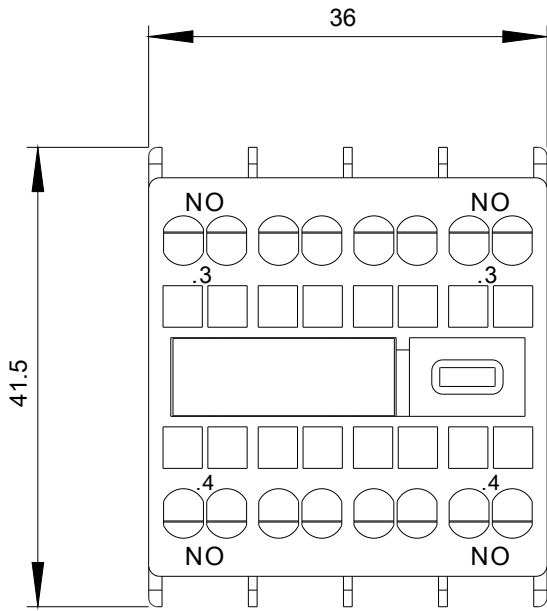
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF20>

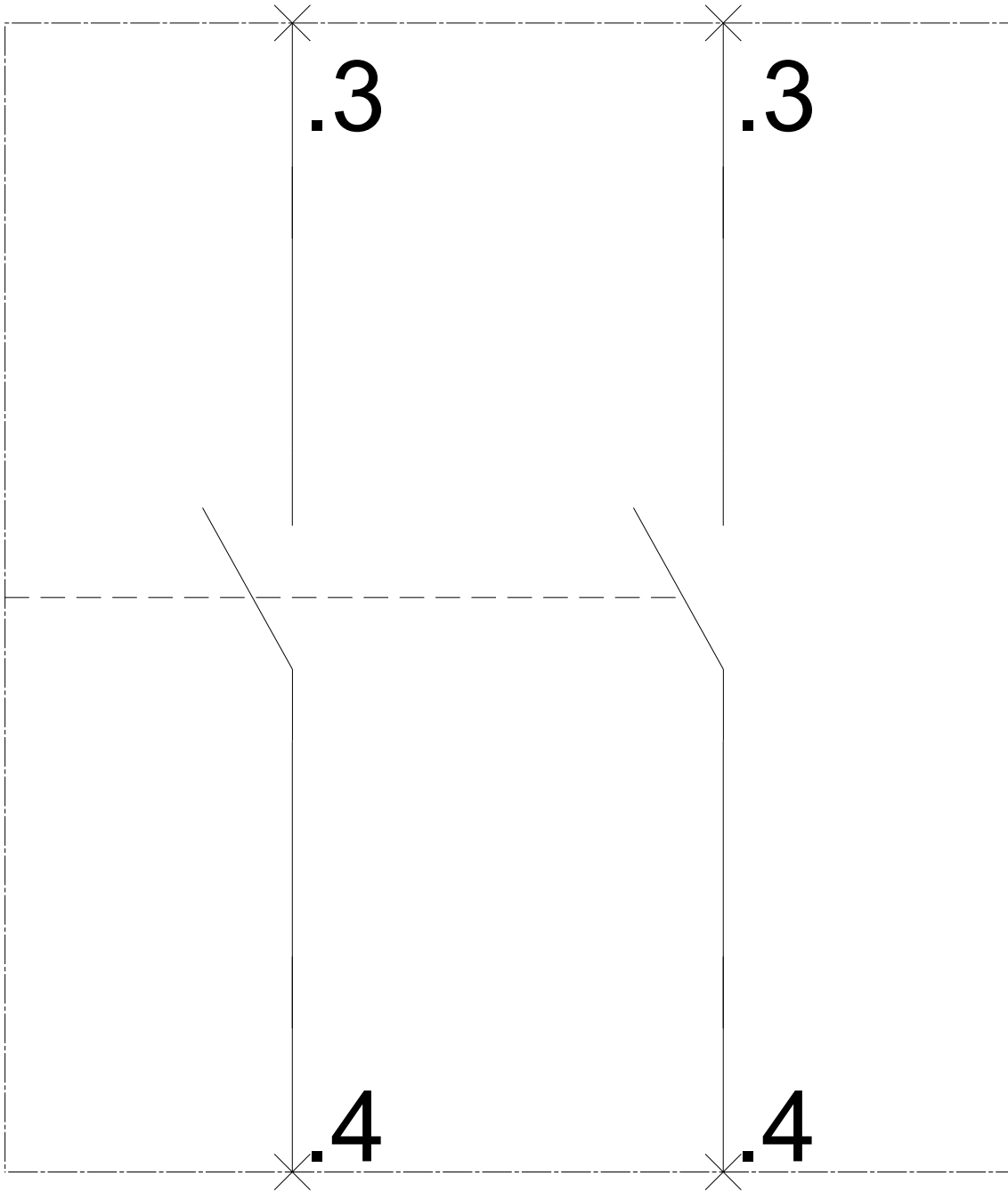
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NF20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NF20&lang=en





last modified:

07/17/2017