

Auxiliary switch on the front, 4 NC Current path 1 NC, 1 NC, 1 NC, 1 NC for 3RH and 3RT spring-type terminal .1/2, .1/2, .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	
<ul style="list-style-type: none"> during storage during operation 	-55 ... +80 °C -25 ... +60 °C
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 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 	4 0
number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> instantaneous contact leading contact 	0 0
operational current of auxiliary contacts at AC-12	
<ul style="list-style-type: none"> at 24 V at 230 V maximum 	10 A 10 A 10 A
operational current	
<ul style="list-style-type: none"> of auxiliary contacts <ul style="list-style-type: none"> at AC-14 <ul style="list-style-type: none"> at 125 V at 250 V at AC-15 <ul style="list-style-type: none"> at 24 V at 230 V at 400 V at AC-15 at 690 V rated value 	6 A 6 A 6 A 6 A 3 A 1 A
operational current	
<ul style="list-style-type: none"> of auxiliary contacts at DC-12 <ul style="list-style-type: none"> at 24 V 	10 A

<ul style="list-style-type: none"> — at 110 V — at 220 V • with 2 current paths in series at DC-12 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 3 current paths in series at DC-12 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value 	3 A 1 A 10 A 10 A 4 A 2 A 1.3 A 0.65 A 10 A 10 A 10 A 3.6 A 2.5 A 1.8 A
operational 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 — at 110 V — at 220 V • with 2 current paths in series at DC-13 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 3 current paths in series at DC-13 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value 	6 A 2 A 1 A 0.3 A 10 A 3.5 A 1.3 A 0.9 A 0.2 A 0.1 A 10 A 4.7 A 3 A 1.2 A 0.5 A 0.26 A
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
width	36 mm
height	41.5 mm
depth	47.7 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control 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 — with core end processing — without core end processing • at AWG cables 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 <ul style="list-style-type: none"> • note 	Yes with 3RT2
product function positively driven operation acc. to IEC 60947-5-1 <ul style="list-style-type: none"> • note 	Yes with 3RH2
Certificates/ approvals	
General Product Approval	EMC



[KC](#)



Functional Safety/Safety of Machinery	Test Certificates	Marine / Shipping			
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[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other
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[Confirmation](#)



Railway

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Vibration and Shock](#)

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?mfb=3RH2911-2FA04>

Cax online generator

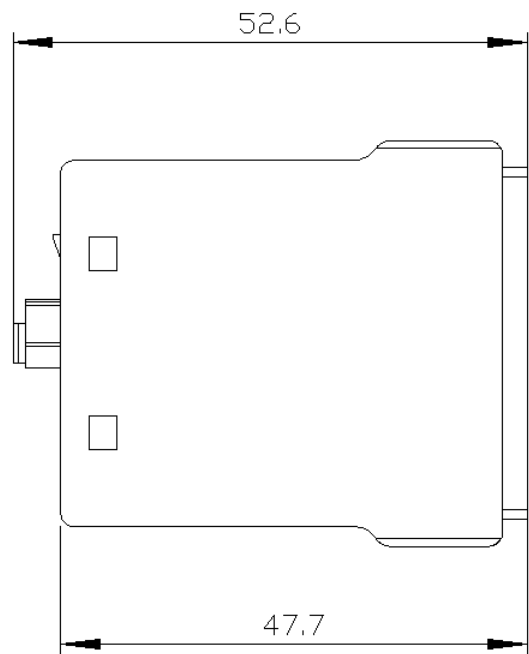
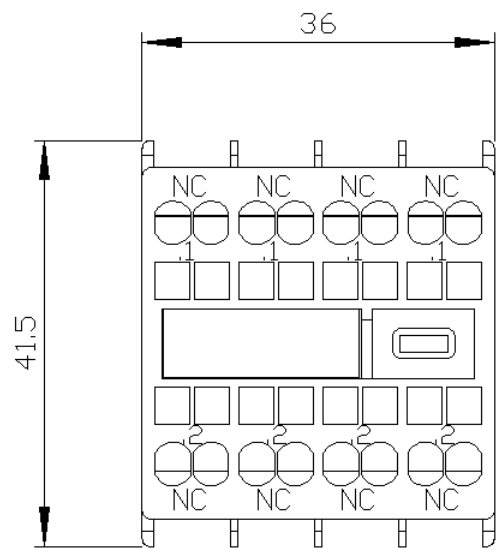
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RH2911-2FA04>

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

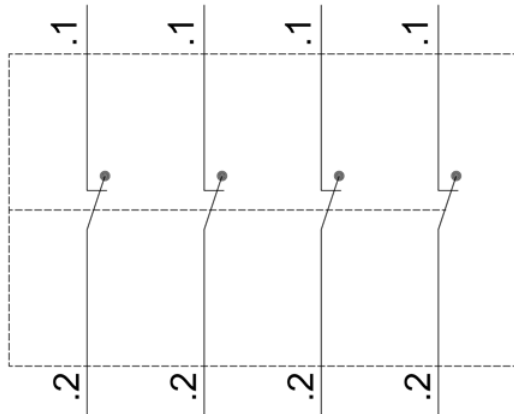
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2FA04>

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

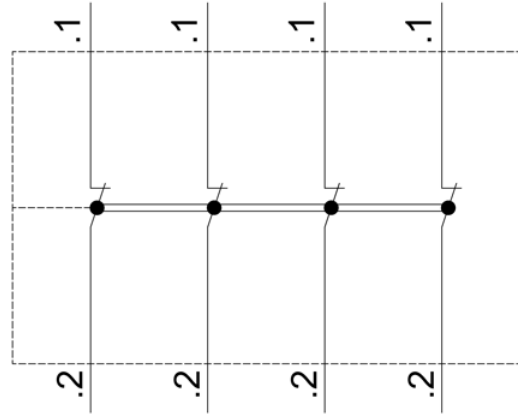
http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RH2911-2FA04&lang=en



3RT2



3RH2



last modified:

1/18/2021