



Auxiliary switch on the front, 1 NO + 3 NC Current path 1 NO, 1 NC, 1 NC, 1 NC for contactor relays Size S00 screw terminal 51/52, 61/62, 71/72, 81/82 Physically coded; only with contactor relays 3RH2140\* and 3RH2440\* can be combined (according to EN 50011)

General technical data	
product brand name	SIRIUS
suitability for use	Contactor relay
protection class IP on the front	IP20
ambient temperature	<ul style="list-style-type: none"> <li>• during storage -55 ... +80 °C</li> <li>• during operation -25 ... +60 °C</li> </ul>
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	
• instantaneous contact	3
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	1
• leading contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
• maximum	10 A
operational current	
• of auxiliary contacts	
— at AC-14	
— at 125 V	6 A
— at 250 V	6 A
— at AC-15	
— at 24 V	6 A
— at 230 V	6 A
— at 400 V	3 A
• at AC-15 at 690 V rated value	1 A
operational current	
• of auxiliary contacts at DC-12	
— at 24 V	10 A

— at 110 V	3 A
— at 220 V	1 A
• with 2 current paths in series at DC-12	
— at 24 V rated value	10 A
— at 60 V rated value	10 A
— at 110 V rated value	4 A
— at 220 V rated value	2 A
— at 440 V rated value	1.3 A
— at 600 V rated value	0.65 A
• with 3 current paths in series at DC-12	
— at 24 V rated value	10 A
— at 60 V rated value	10 A
— at 110 V rated value	10 A
— at 220 V rated value	3.6 A
— at 440 V rated value	2.5 A
— at 600 V rated value	1.8 A
<b>operational current</b>	
• of auxiliary contacts at DC-13	
— at 24 V	6 A
— at 60 V	2 A
— at 110 V	1 A
— at 220 V	0.3 A
• with 2 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	3.5 A
— at 110 V rated value	1.3 A
— at 220 V rated value	0.9 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.1 A
• with 3 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	4.7 A
— at 110 V rated value	3 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.5 A
— at 600 V rated value	0.26 A
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	snap-on mounting
<b>width</b>	36 mm
<b>height</b>	37.5 mm
<b>depth</b>	43.7 mm
<b>Connections/ Terminals</b>	
<b>type of electrical connection for auxiliary and control circuit</b>	screw-type terminals
<b>type of connectable conductor cross-sections</b>	
• for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
• at AWG cables for auxiliary contacts	2x (20 ... 16), 2x (18 ... 14)
<b>Safety related data</b>	
<b>product function mirror contact acc. to IEC 60947-4-1</b>	No
<b>product function positively driven operation acc. to IEC 60947-5-1</b>	Yes
• note	with 3RH2
<b>Certificates/ approvals</b>	
<b>General Product Approval</b>	<b>EMC</b>



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### Declaration of Conformity

### Test Certificates

### Shipping Approval



EG-Konf.

[Miscellaneous](#)

[Special Test Certificate](#)

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### Shipping Approval

other



LRS



PRIS



RINA



RMRS

[Confirmation](#)



VDE

### Railway

[Special Test Certificate](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[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?mlfb=3RH2911-1GA13>

Cax online generator

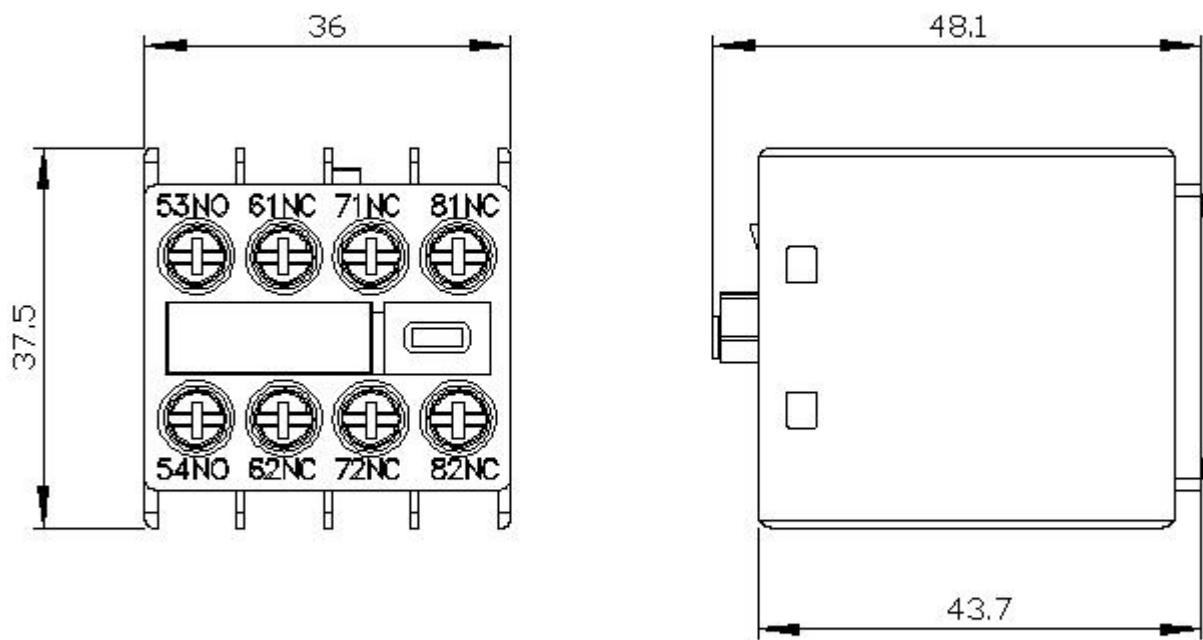
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-1GA13>

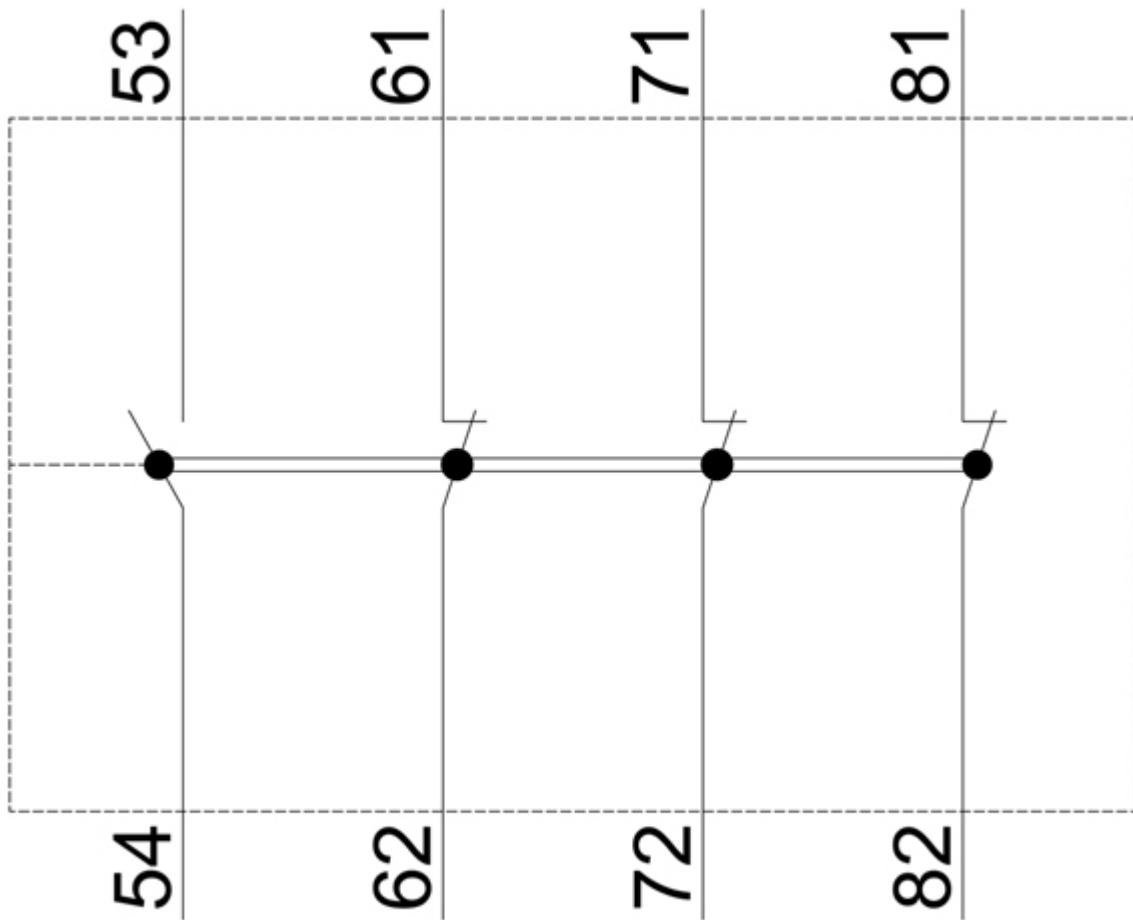
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1GA13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-1GA13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-1GA13&lang=en)





last modified:

5/15/2020 