



auxiliary switch, solid-state compatible, lateral, 1 NO + 1 NC, on the left: 41/42, 53/54, current path: 1 NC, 1 NO, on the right: 23/24, 31/32, current path: 1 NO, 1 NC, spring-loaded terminal, for contactors 3RT2.1, multi-unit packaging, pack = 112 units

Figure similar

<b>product brand name</b>	SIRIUS
<b>product category</b>	Auxiliary switch
<b>product designation</b>	auxiliary switch
<b>design of the product</b>	first laterally mountable
<b>product type designation</b>	3RH29
<b>suitability for use</b>	for 3RT2.1
<b>General technical data</b>	
insulation voltage with degree of pollution 3 at AC rated value	690 V
<b>surge voltage resistance rated value</b>	6 kV
protection class IP on the front	IP20
<b>mechanical service life (operating cycles) typical</b>	5 000 000
<b>Substance Prohibitance (Date)</b>	05/01/2012
<b>Net Weight</b>	47 g
<b>number of NC contacts for auxiliary contacts</b>	
• instantaneous contact	1
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	1
• leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
<b>operational current of auxiliary contacts at DC-13</b>	
• at 24 V	0.3 A
• at 48 V	0.3 A
• at 60 V	0.3 A
• at 250 V	0.3 A
<b>contact reliability of auxiliary contacts</b>	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +60 °C
• during storage	-55 ... +80 °C
<b>Safety related data</b>	
<b>product function</b>	
• mirror contact according to IEC 60947-4-1	Yes; with 3RT2
• positively driven operation according to IEC 60947-5-1	No
<b>Short-circuit protection</b>	
design of the fuse link for short-circuit protection of the auxiliary switch required	FF microfuse 2 A (250 V, 1 kA)

Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	61.2 mm
width	10 mm
depth	66 mm

Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals
<b>connectable conductor cross-section for auxiliary contacts</b>	
• solid or stranded	0.5 ... 2.5 mm <sup>2</sup>
• finely stranded with core end processing	0.5 ... 2.5 mm <sup>2</sup>
• finely stranded without core end processing	0.5 ... 2.5 mm <sup>2</sup>
<b>type of connectable conductor cross-sections</b>	
• for auxiliary contacts	
— solid or stranded	2x (0.5 ... 2.5 mm <sup>2</sup> )
— finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> )
— finely stranded without core end processing	2x (0.5 ... 2.5 mm <sup>2</sup> )
• for AWG cables for auxiliary contacts	2x (20 ... 14)
<b>AWG number as coded connectable conductor cross section for auxiliary contacts</b>	20 ... 14

Approvals Certificates		
General Product Approval	EMV	Test Certificates



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

### Maritime application



Maritime application	other	Railway	Environment
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[Confirmation](#)



[Miscellaneous](#)

[Special Test Certificate](#)

[Environmental Confirmations](#)

### Further information

#### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

#### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

#### 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=3RH2911-2DE11-Z W97>

#### Cax online generator

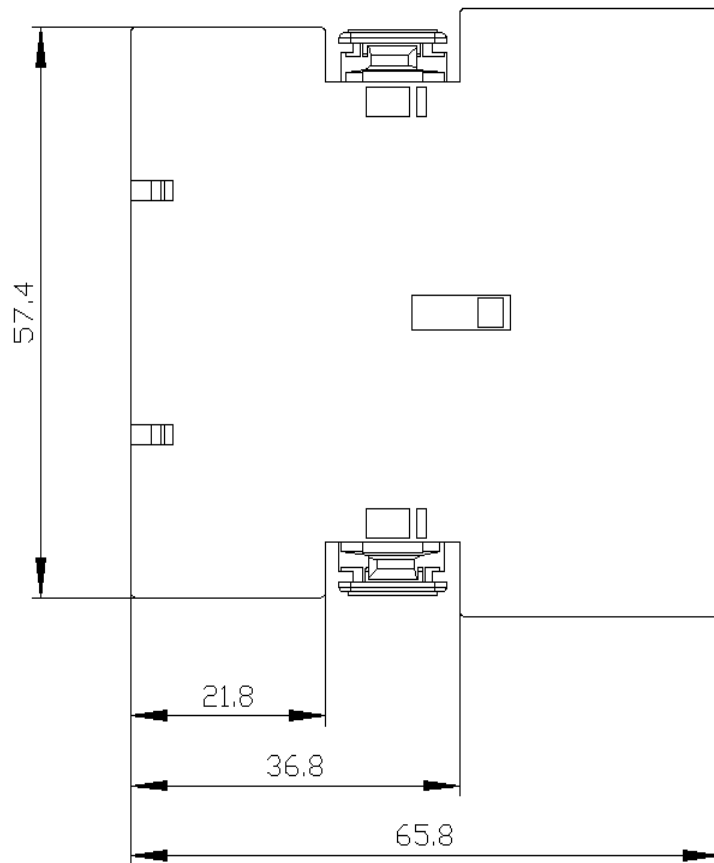
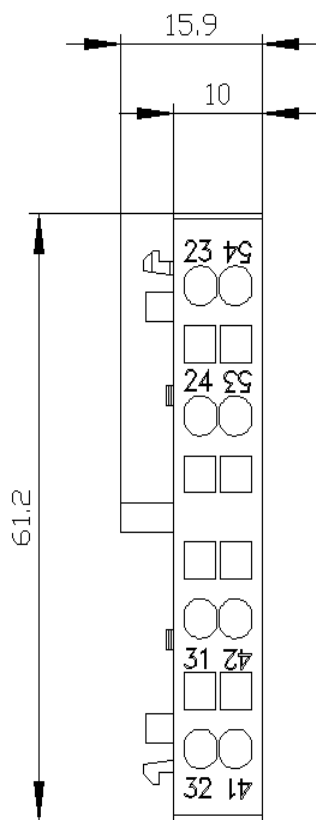
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2DE11-Z W97>

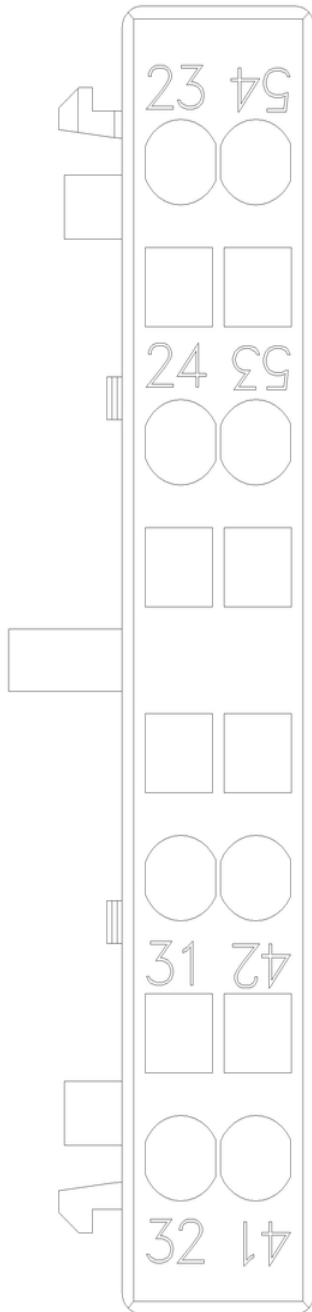
#### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2DE11-Z W97>

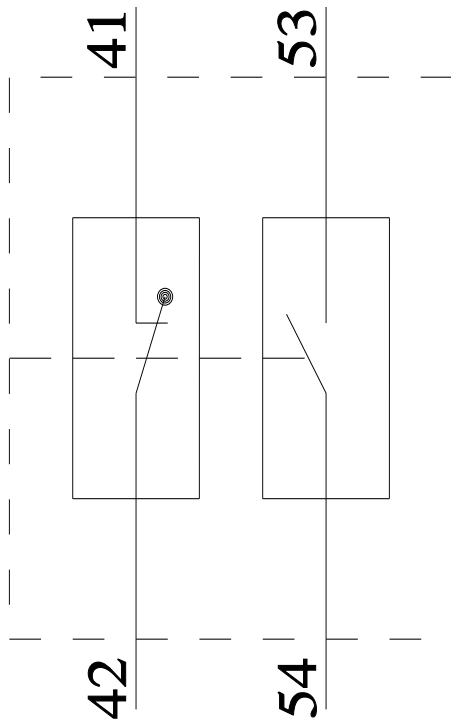
#### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-2DE11-Z W97&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2DE11-Z W97&lang=en)

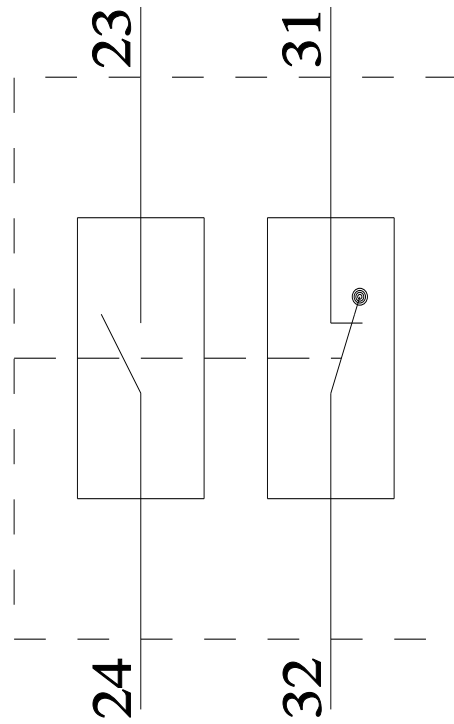




## Links / left



## Rechts / right



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