



first lateral auxiliary switch 2 NO contacts, spring-type terminal, for contactors 3RT1

**General technical data**

<b>product brand name</b>	SIRIUS
<b>suitability for use</b>	Contactor relay and power contactor
<b>protection class IP on the front</b>	IP20
<b>ambient temperature</b>	
• during storage	-55 ... +80 °C
• during operation	-25 ... +60 °C
<b>mechanical service life (operating cycles) typical</b>	10 000 000
<b>electrical endurance (operating cycles) at AC-15 at 230 V typical</b>	200 000
<b>contact reliability of auxiliary contacts</b>	1 faulty switching per 100 million (17 V, 1 mA)
<b>insulation voltage with degree of pollution 3 at AC rated value</b>	500 V
<b>surge voltage resistance rated value</b>	6 kV

**Auxiliary circuit**

<b>number of NC contacts for auxiliary contacts</b>	
• instantaneous contact	0
<b>number of NO contacts for auxiliary contacts</b>	
• instantaneous contact	2
<b>operational current of auxiliary contacts at AC-12</b>	
• at 24 V	10 A
• at 230 V	10 A
• maximum	10 A
<b>operational current</b>	
• 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
<b>operational current</b>	
• 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
• 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
<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
• 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

#### Installation/ mounting/ dimensions

<b>fastening method</b>	snap-on mounting
<b>width</b>	10 mm
<b>height</b>	72.5 mm
<b>depth</b>	71 mm

#### Connections/ Terminals

<b>type of electrical connection for auxiliary and control circuit</b>	spring-loaded 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> )
— without core end processing	2x (0.5 ... 2.5 mm <sup>2</sup> )
• at AWG cables for auxiliary contacts	2x (20 ... 14)

#### Safety related data

<b>product function mirror contact according to IEC 60947-4-1</b>	Yes
• note	with 3RT1
<b>product function positively driven operation according to IEC 60947-5-1</b>	No

#### Certificates/ approvals

<b>General Product Approval</b>	<b>Functional Safety/Safety of Machinery</b>
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[Confirmation](#)



[KC](#)



[Type Examination Certificate](#)

#### Declaration of Conformity      Test Certificates      Marine / Shipping



[Special Test Certificate](#)




[Confirmation](#)
[Vibration and Shock](#)
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### 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=3RH1921-2EA20>

Cax online generator

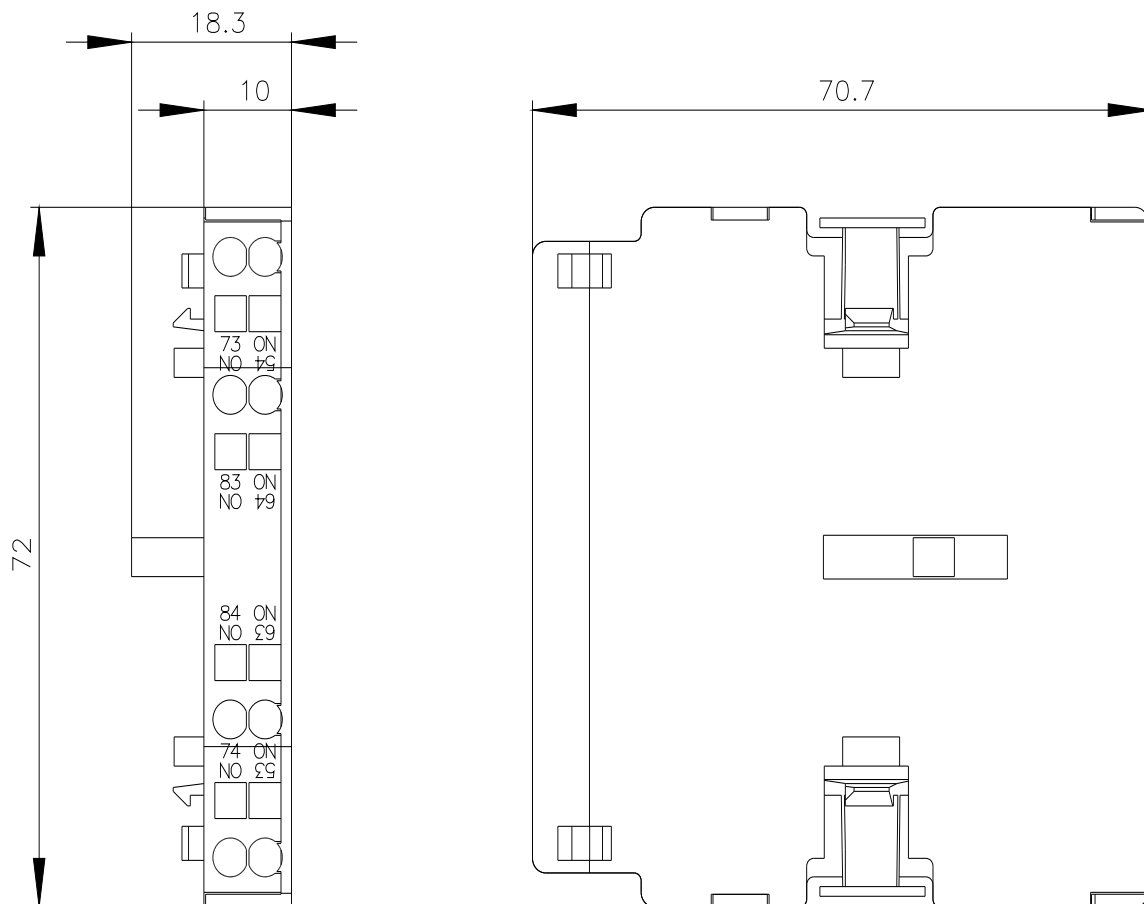
<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2EA20>

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

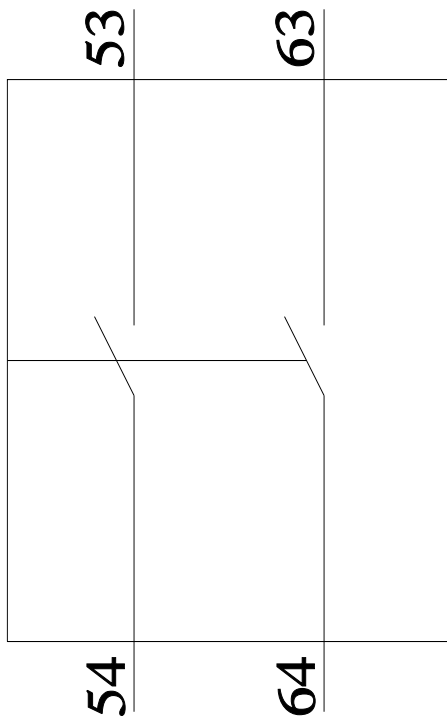
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2EA20>

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

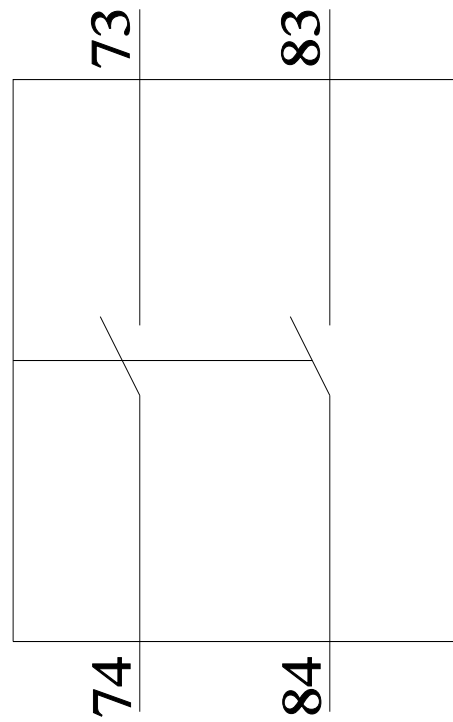
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH1921-2EA20&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-2EA20&lang=en)



## Links / left



## Rechts / right



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