



first lateral auxiliary switch 2 NC contacts, encapsulated (solid-state compatible), spring-type terminal, for contactors 3RT1

General technical data	
product brand name	SIRIUS
suitability for use	Contactor relay and power contactor
protection class IP on the front	IP20
ambient temperature	
• during storage	-55 ... +80 °C
• during operation	-25 ... +60 °C
mechanical service life (operating cycles) typical	10 000 000
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	500 V
surge voltage resistance rated value	6 kV
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
• instantaneous contact	
number of NO contacts for auxiliary contacts	0
• instantaneous contact	
operational current	
• of auxiliary contacts at DC-12	
— at 24 V	10 A
— at 110 V	3 A
— at 220 V	1 A
operational current	
• of auxiliary contacts at DC-13	
— at 24 V	0.3 A
— at 60 V	0.3 A
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
width	10 mm
height	72.5 mm
depth	71 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals
type of connectable conductor cross-sections	
• 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	

product function mirror contact according to IEC 60947-4-1

Yes

• note

with 3RT1

product function positively driven operation according to IEC 60947-5-1

No

Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Confirmation](#)



[Type Examination Certificate](#)



Declaration of Conformity	Test Certificates	Marine / Shipping	other
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EG-Konf.

[Special Test Certificate](#)



ABS



RMRS



DNV-GL

[Confirmation](#)

Railway

[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?mlfb=3RH1921-2EE02>

Cax online generator

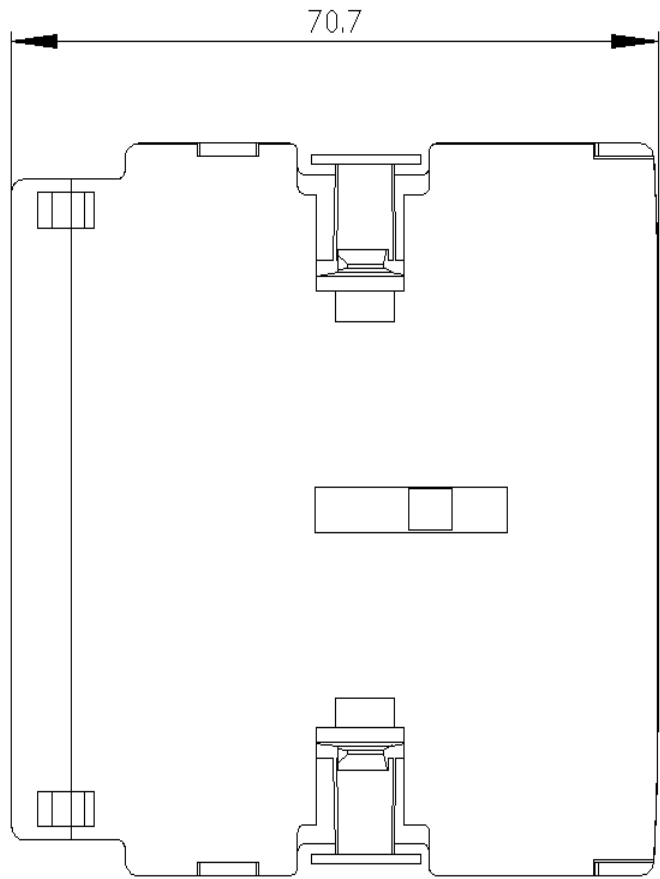
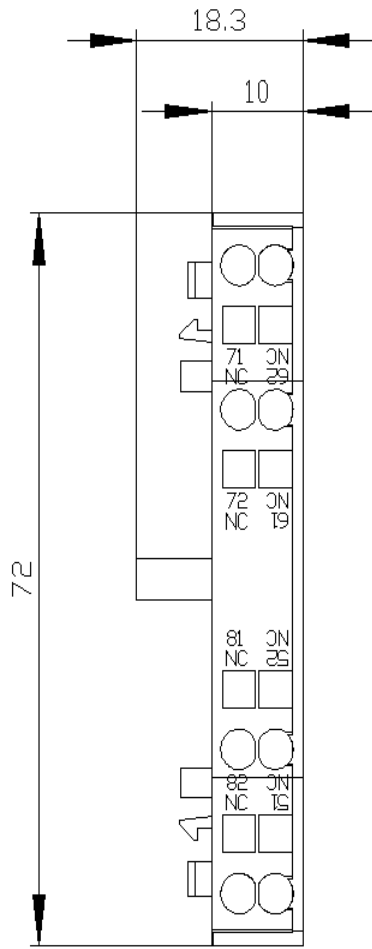
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2EE02>

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

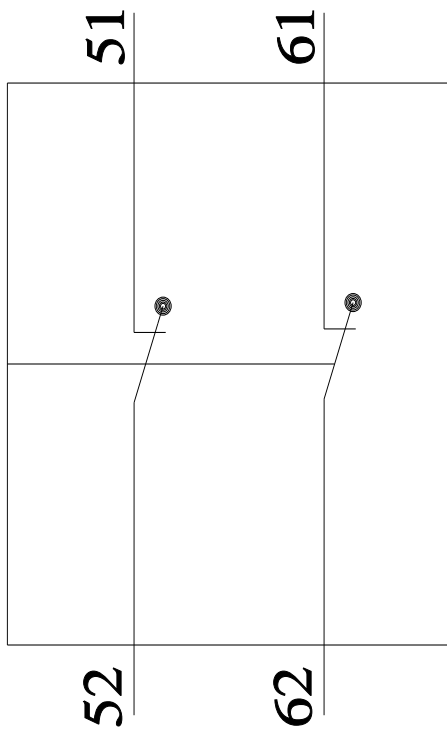
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2EE02>

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

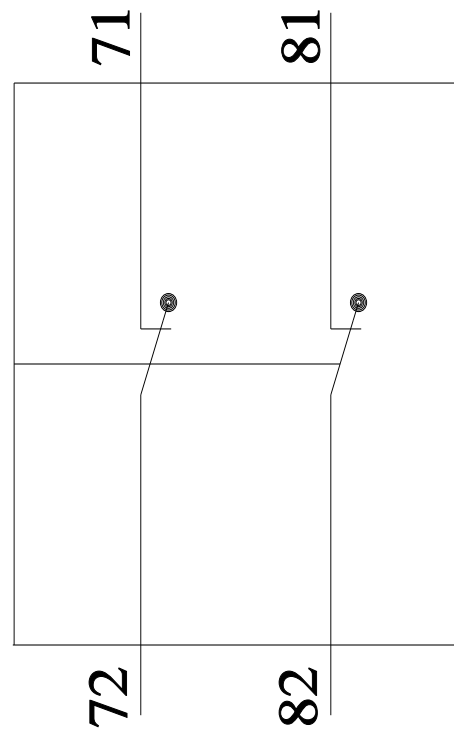
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## Links / left



## Rechts / right



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1/18/2021 