

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 (switching 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	
• instantaneous contact	2
Number of NO contacts for auxiliary contacts	
• instantaneous contact	0
Operating current	
• of auxiliary contacts at DC-12	

— at 24 V	10 A
— at 110 V	3 A
— at 220 V	1 A
Operating current	
• of auxiliary contacts at DC-13	
— at 24 V	0.3 A
— at 60 V	0.3 A

Installation/ mounting/ dimensions

Mounting type	snap-on mounting
Width	10 mm
Height	72.5 mm
Depth	71 mm

Connections/ Terminals

Type of electrical connection for auxiliary and control current 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 ²)
— without core end processing	2x (0.5 ... 2.5 mm ²)
• at AWG conductors for auxiliary contacts	2x (20 ... 14)

Safety related data

Product function Mirror contact acc. to IEC 60947-4-1	Yes
• Note	with 3RT1
Product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



UL



[Type Examination Certificate](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Shipping Approval	other	Railway
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[Miscellaneous](#)

[Special Test Certificate](#)



ABS



RMRS

[Confirmation](#)

[Special Test Certificate](#)

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

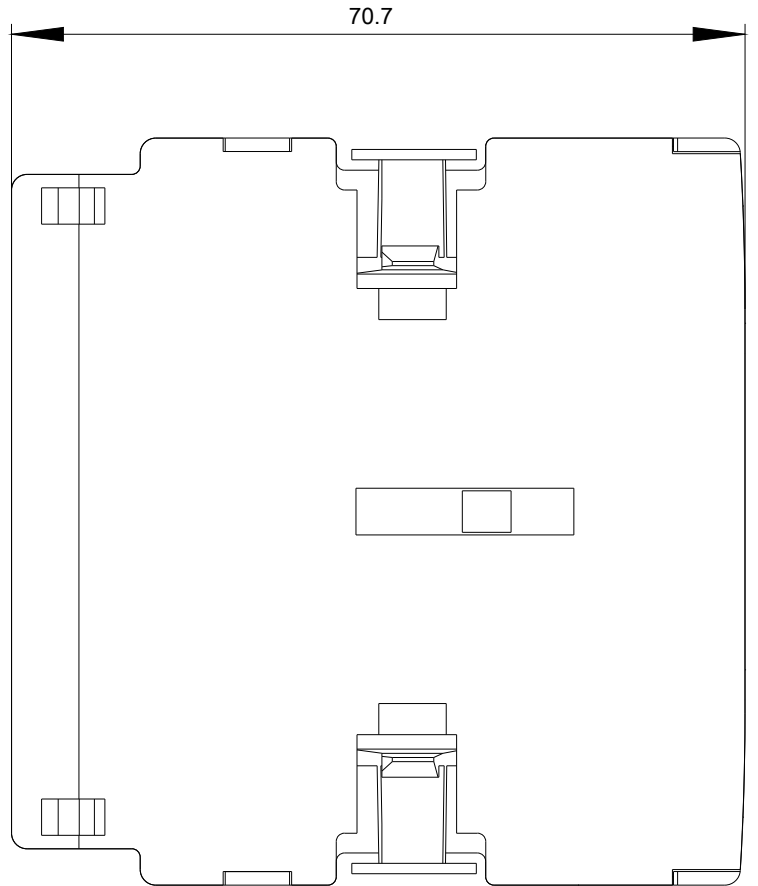
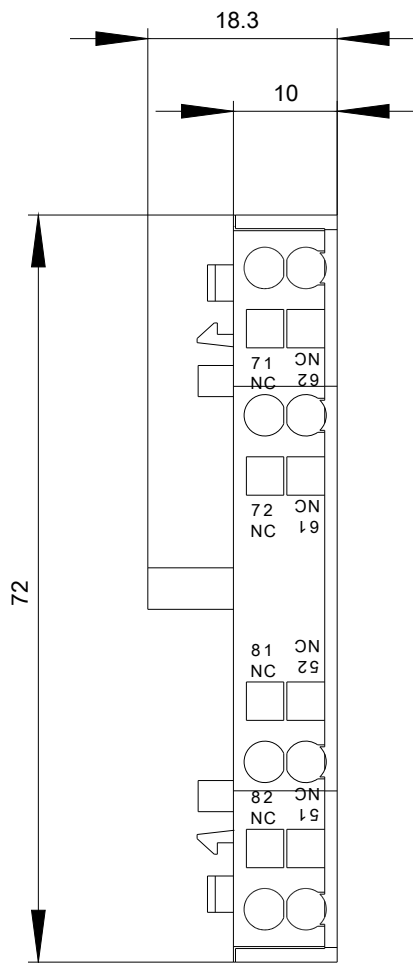
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2EE02>

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

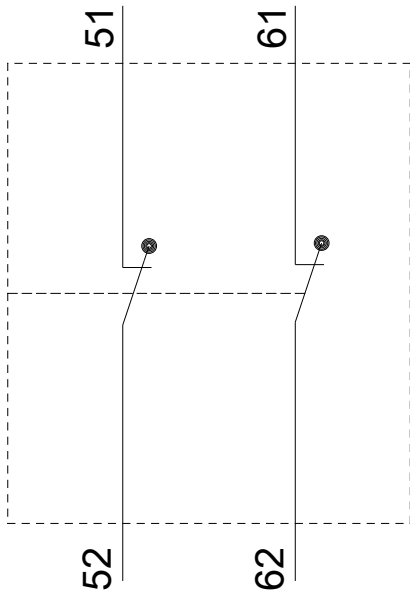
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2EE02>

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

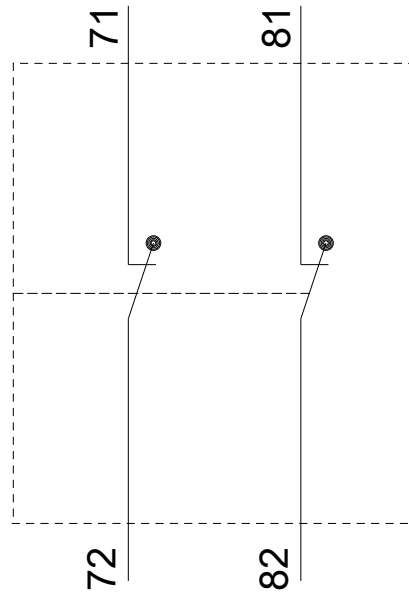
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-2EE02&lang=en



Links / left



Rechts / right



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04/07/2020