

Auxiliary switch solid-state compatible EN 50012 lateral, spring-type terminal, 1 NO + 1 NC, encapsulated Size S0 ... S12



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 - during operation	-55 ... +80 °C -25 ... +60 °C
Mechanical service life (switching cycles) typical	5 000 000
Contact reliability	one incorrect switching operation of 100 million switching operations (17 V, 5 mA)
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 rated value	500 V
Surge voltage resistance rated value	6 kV
Auxiliary circuit	
Number of NC contacts for auxiliary contacts instantaneous contact	1
Number of NO contacts for auxiliary contacts instantaneous contact	1

Operating current	
• of auxiliary contacts at DC-12 — at 24 V — at 110 V — at 220 V	10 A 3 A 1 A
Operating current	
• of auxiliary contacts at DC-13 — at 24 V — at 60 V	0.3 A 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 — without core end processing • at AWG conductors for auxiliary contacts	2x (0.5 ... 1.5 mm ²) 2x (0.5 ... 2.5 mm ²) 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.

Test Certificates	Shipping Approval	other	Railway
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[Special Test Certificate](#)



ABS



RMRS

[Confirmation](#)

[Vibration and Shock](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH1921-2DE11>

Cax online generator

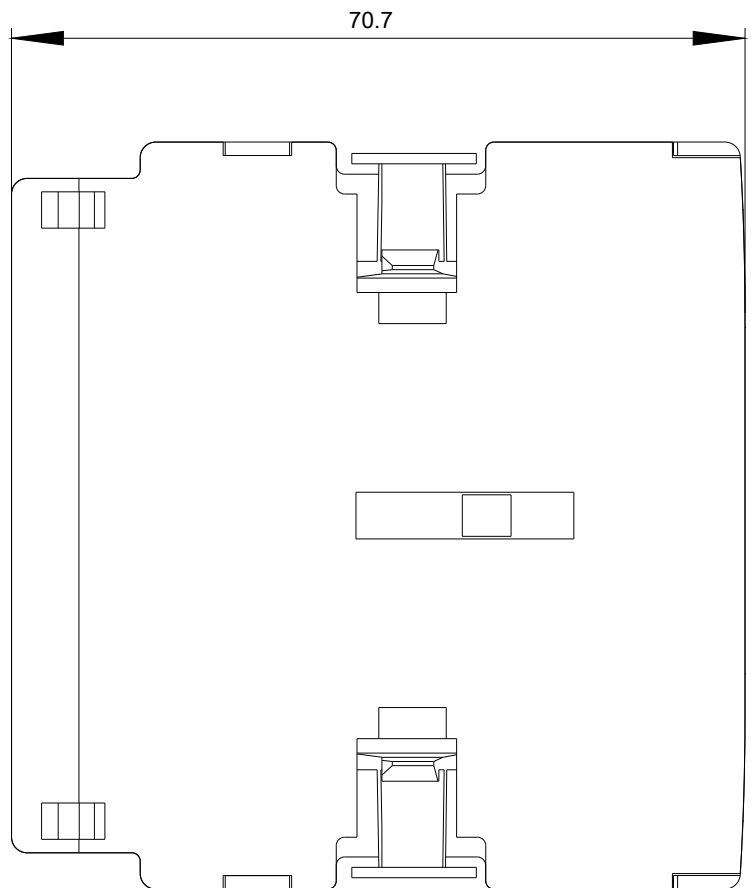
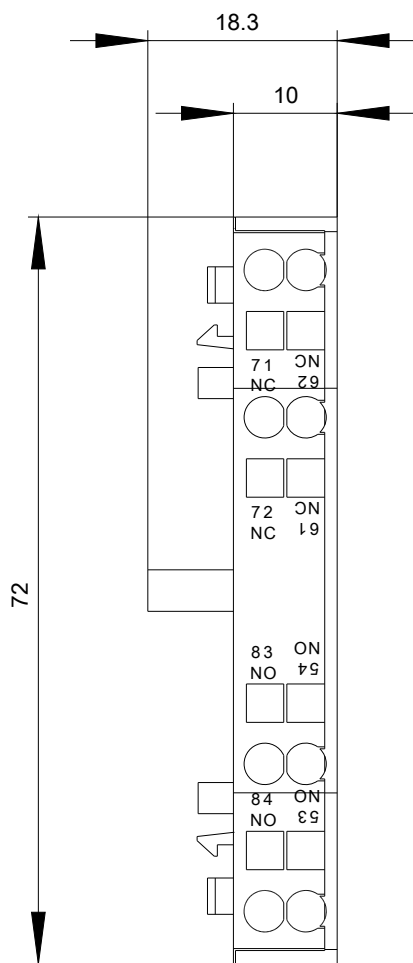
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2DE11>

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

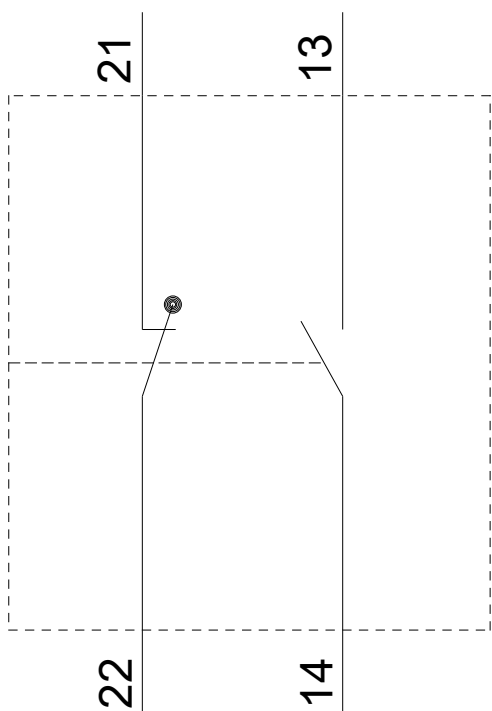
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2DE11>

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

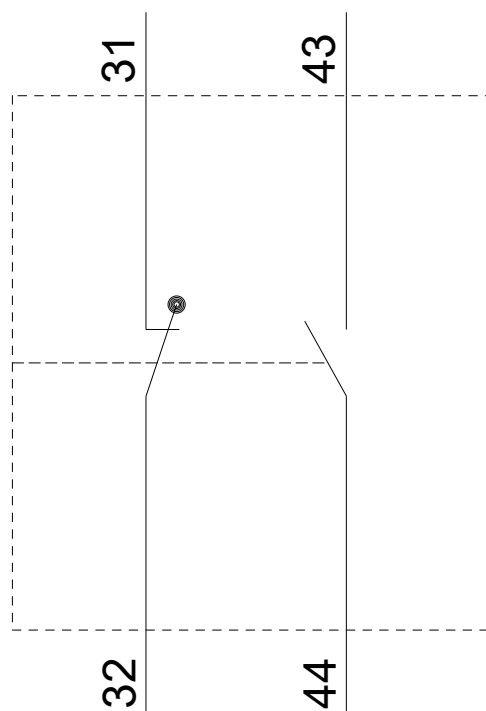
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Links



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