



first lateral auxiliary switch 1 NO, 1 NC, 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 <ul style="list-style-type: none"> during storage during operation 	-55 ... +80 °C -25 ... +60 °C
mechanical service life (switching cycles) typical	5 000 000
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 <ul style="list-style-type: none"> instantaneous contact 	1
number of NO contacts for auxiliary contacts <ul style="list-style-type: none"> instantaneous contact 	1
operational current <ul style="list-style-type: none"> of auxiliary contacts at DC-12 <ul style="list-style-type: none"> at 24 V at 110 V at 220 V 	10 A 3 A 1 A
operational current <ul style="list-style-type: none"> of auxiliary contacts at DC-13 <ul style="list-style-type: none"> at 24 V at 60 V 	0.3 A 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 <ul style="list-style-type: none"> for auxiliary contacts <ul style="list-style-type: none"> finely stranded with core end processing 	2x (0.5 ... 1.5 mm ²)

- without core end processing
- at AWG cables for auxiliary contacts

2x (0.5 ... 2.5 mm²)
2x (20 ... 14)

Safety related data

product function mirror contact acc. to IEC 60947-4-1 • note	Yes 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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[Type Examination Certificate](#)



[Miscellaneous](#)

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



[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=3RH1921-2DE11>

Cax online generator

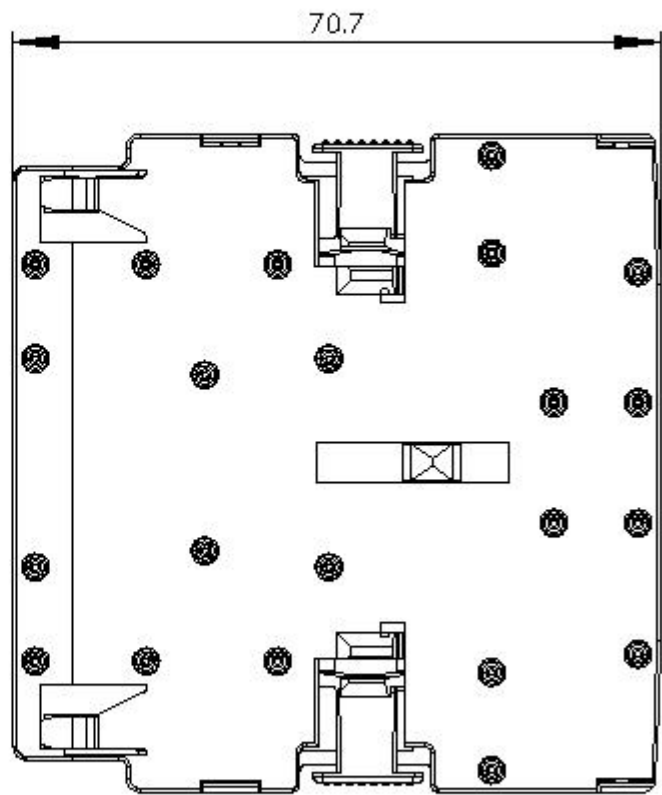
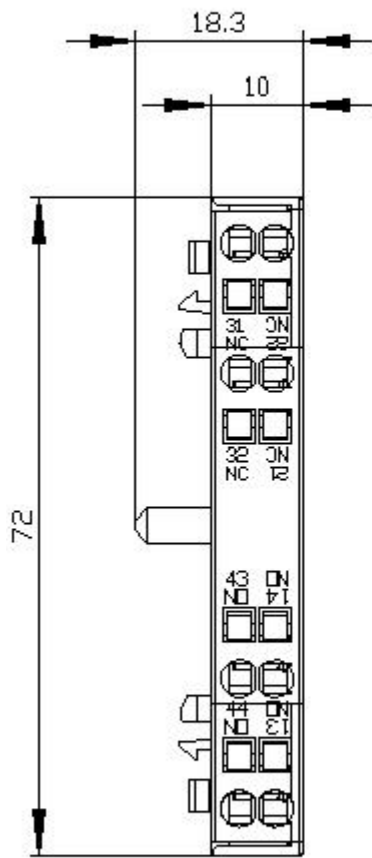
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2DE11>

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

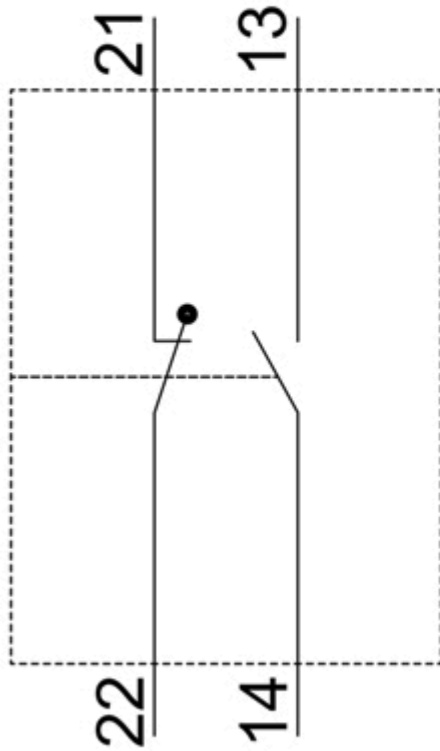
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2DE11>

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

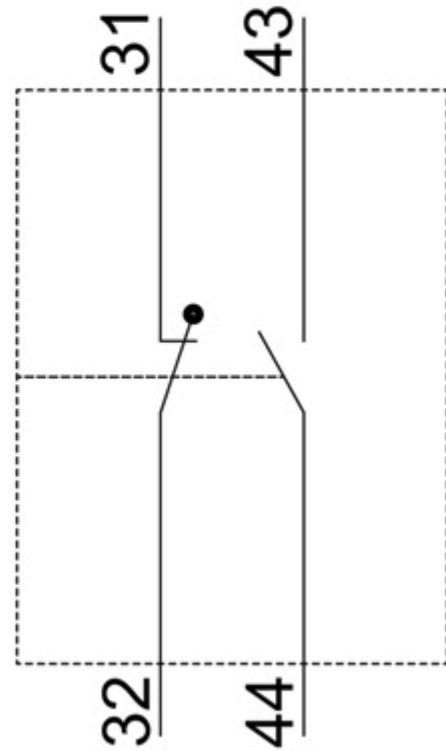
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-2DE11&lang=en



Links / left



Rechts / right



last modified:

1/18/2021 