



Auxiliary switch solid-state-compatible, 2 NC (solid-state-compatible), 1 NO + 1 NC, on front ! Phased-out product! Successor is SIRIUS 3RH2

General technical data	
product brand name	SIRIUS
suitability for use	Contact 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	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	690 V
surge voltage resistance rated value	6 kV
Auxiliary circuit	
number of NC contacts for auxiliary contacts	3
• instantaneous contact	
number of NO contacts for auxiliary contacts	1
• instantaneous contact	
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	44 mm
height	38 mm
depth	51 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections	
• for auxiliary contacts	
— finely stranded	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
— with core end processing	
• at AWG cables for auxiliary contacts	2x (20 ... 16), 2x (18 ... 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



[Confirmation](#)



[Type Examination Certificate](#)

Declaration of Conformity

Test Certificates

Marine / Shipping



[Special Test Certificate](#)



other

Railway

[Confirmation](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[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=3RH1921-1FE13>

Cax online generator

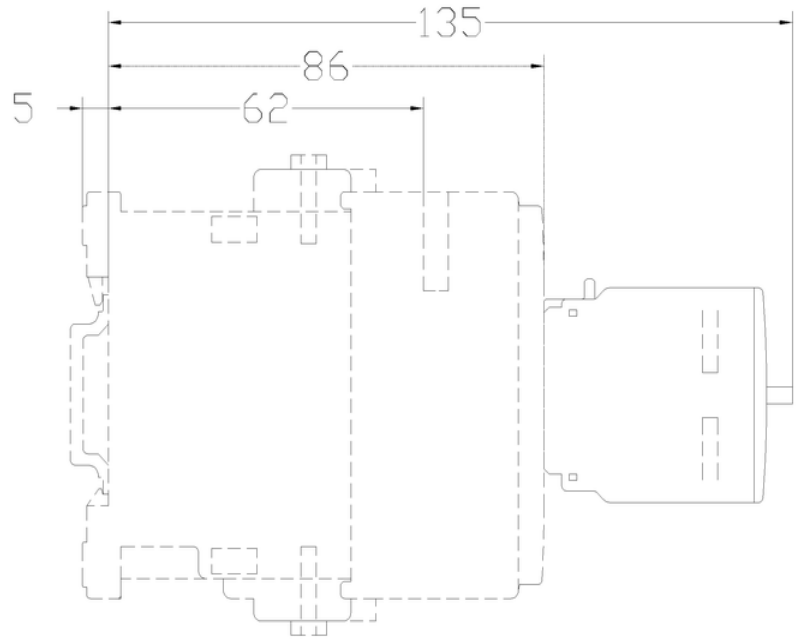
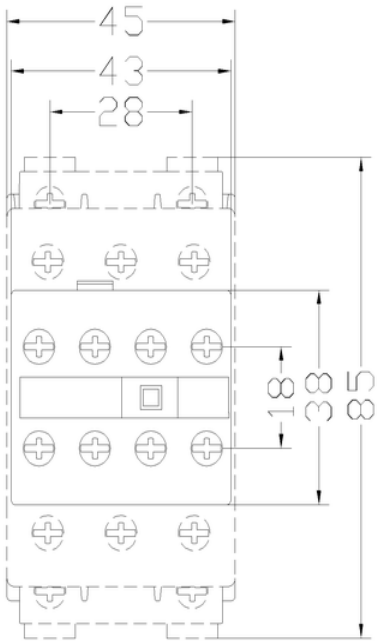
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-1FE13>

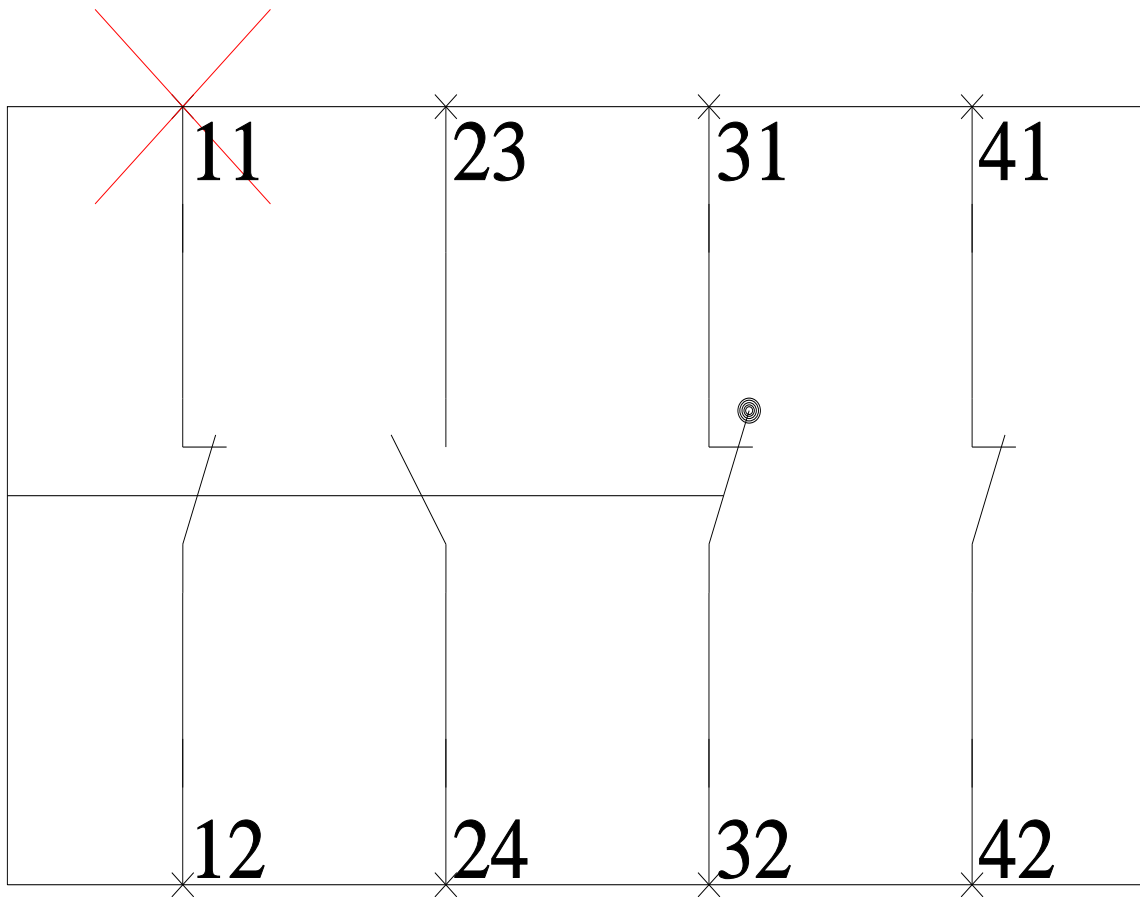
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-1FE13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH1921-1FE13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-1FE13&lang=en)





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