

Auxiliary switch solid- state-compatible, EN 50005 1 NO + 1 NC, encapsulated, 1 NO + +1 NC, not encapsulated, Size S0 ... S12, 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	
<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	690 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 	2
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> instantaneous contact 	2
Operating current	
<ul style="list-style-type: none"> 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	44 mm
Height	38 mm
Depth	51 mm

Connections/ Terminals

Type of electrical connection for auxiliary and control current circuit	screw-type 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 • at AWG conductors for auxiliary contacts 	<p>2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)</p> <p>2x (20 ... 16), 2x (18 ... 14)</p>

Safety related data

Product function Mirror contact acc. to IEC 60947-4-1	Yes
<ul style="list-style-type: none"> • 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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[Type Examination Certificate](#)



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

[Special Test Certificate](#)



[Confirmation](#)

[Special Test Certificate](#)

Railway

[Type Test Certificates/Test Report](#)

Further information

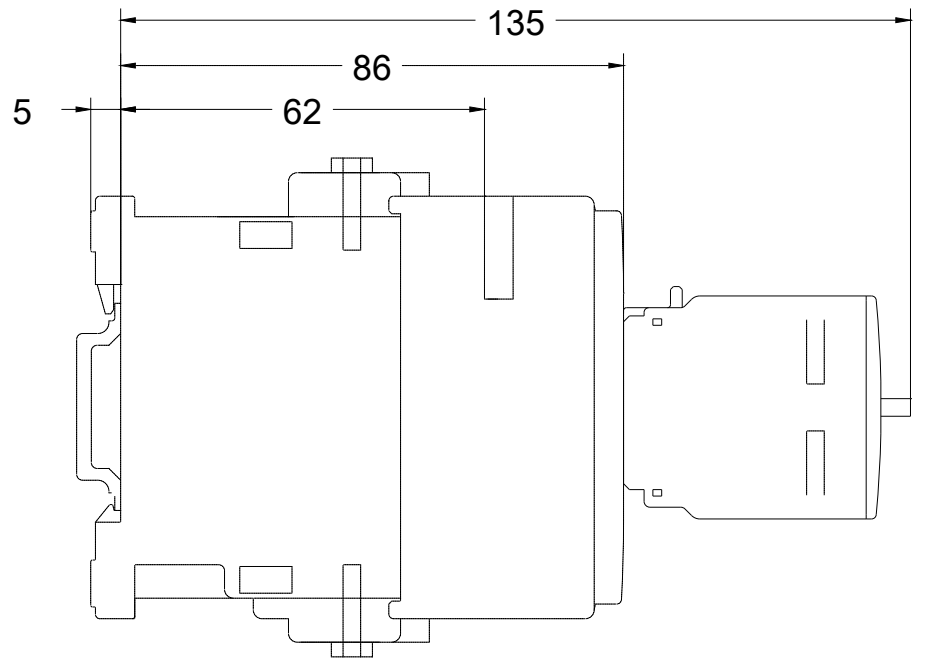
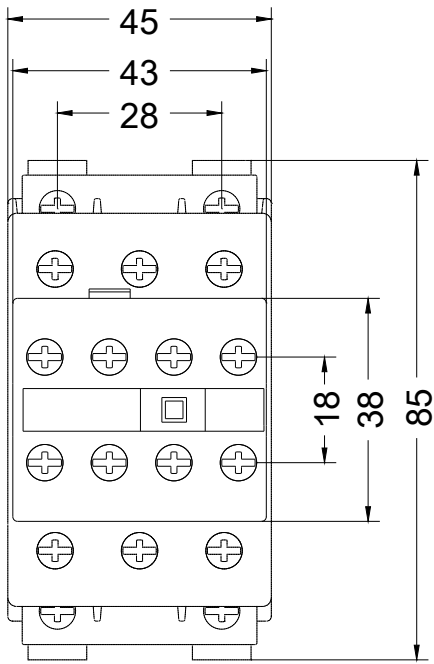
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

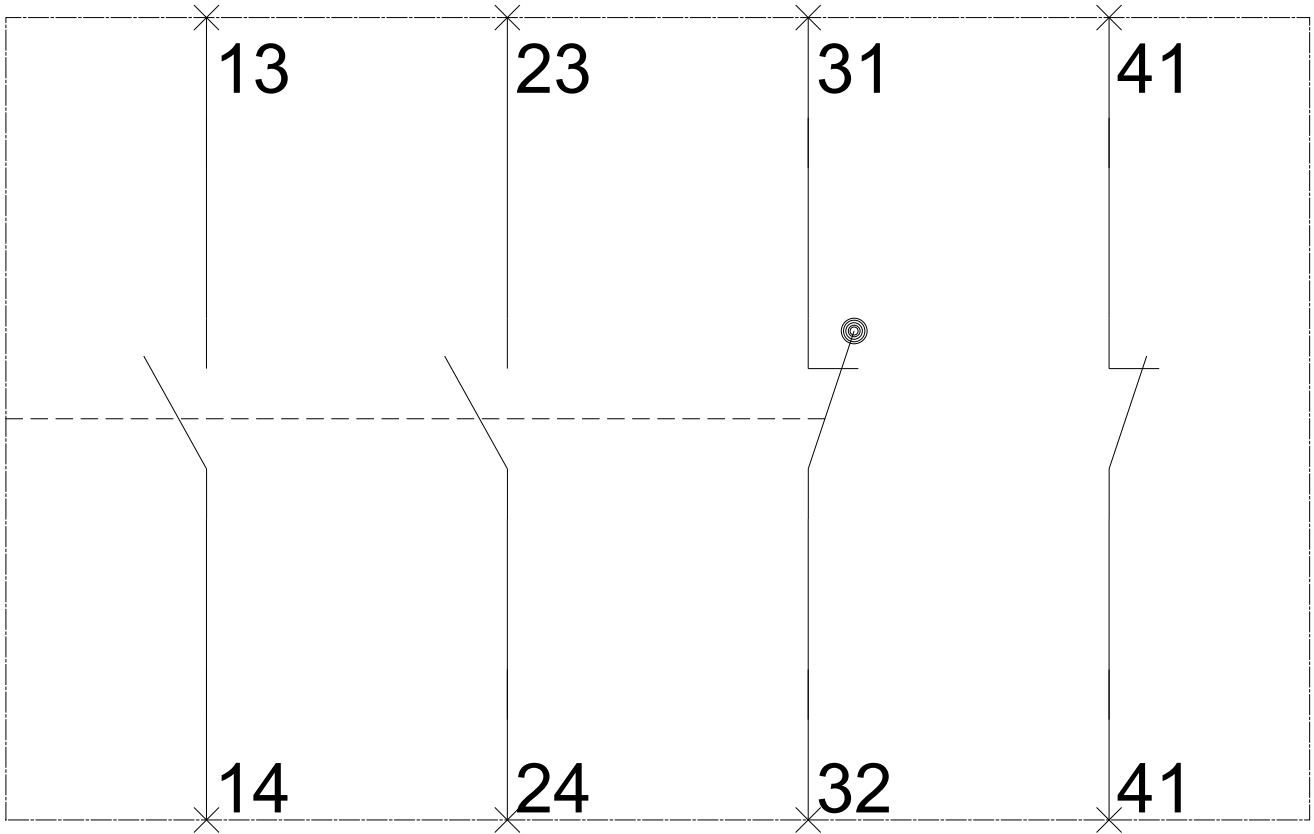
Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH1921-1FE22>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-1FE22>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-1FE22>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-1FE22&lang=en





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