

auxiliary switch, solid-state compatible, on the front, 1 NO + 1 NC, .3/.4, --/--, --/--, .1/.2, current path: 1 NO (solid-state compatible), --, --, 1 NC (solid-state compatible), ring cable lug connection, for contactors 3RT2 and contactor relays 3RH2

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	for snapping onto the front
product type designation	3RH29
suitability for use	for 3RT2.1, 3RT2.2, 3RT2.3, 3RT2.4, 3RH2
General technical data	
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP00
mechanical service life (operating cycles) typical	5 000 000
Substance Prohibitance (day/month/year)	10/01/2009
Net Weight	0.042 kg
number of NC contacts for auxiliary contacts	
• instantaneous contact	1
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	1
• leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current of auxiliary contacts at DC-13	
• at 24 V	0.3 A
• at 48 V	0.3 A
• at 60 V	0.3 A
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
Ambient conditions	
ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-55 ... +80 °C
Safety related data	
product function	
• mirror contact according to IEC 60947-4-1	Yes; with 3RT2.2/3/4
• positively driven operation according to IEC 60947-5-1	No
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary switch required	FF microfuse 2 A (250 V, 1 kA)
Installation/ mounting/ dimensions	
fastening method	snap-on mounting

height	37.5 mm
width	36 mm
depth	43.7 mm






Connections/ Terminals

type of electrical connection for auxiliary and control circuit	ring terminal lug connection
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Approvals Certificates

Environmental Product Declaration	
<ul style="list-style-type: none"> global warming potential [CO2 eq] / during manufacturing global warming potential [CO2 eq] / during operation global warming potential [CO2 eq] / after end of life global warming potential [CO2 eq] / total 	<ul style="list-style-type: none"> 0.375 kg 0.0014 kg 0.0202 kg 0.397 kg

Environment General Product Approval

Environmental Confirmations					
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General Product Approval EMV Functional Safety Test Certificates Maritime application

		Type Examination Certificate	Type Test Certificates/Test Report	Special Test Certificate	
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Maritime application

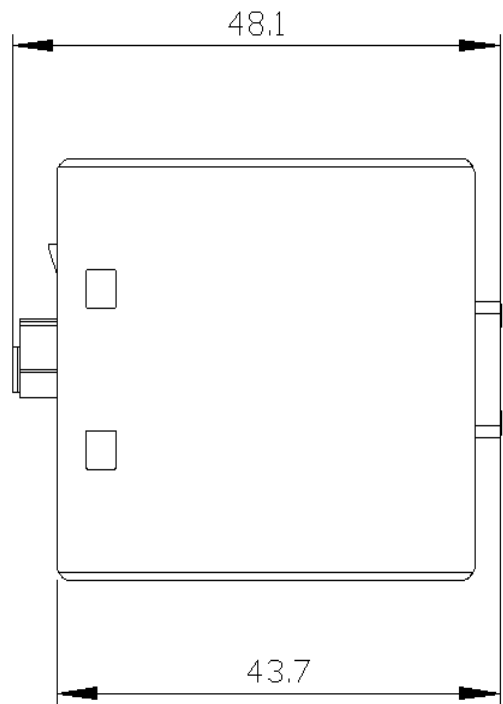
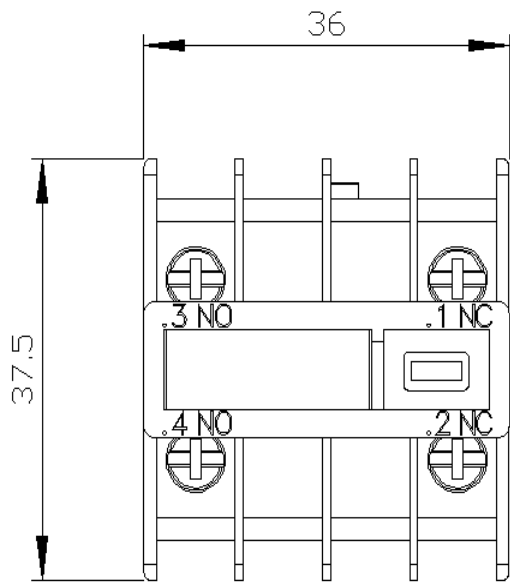
					
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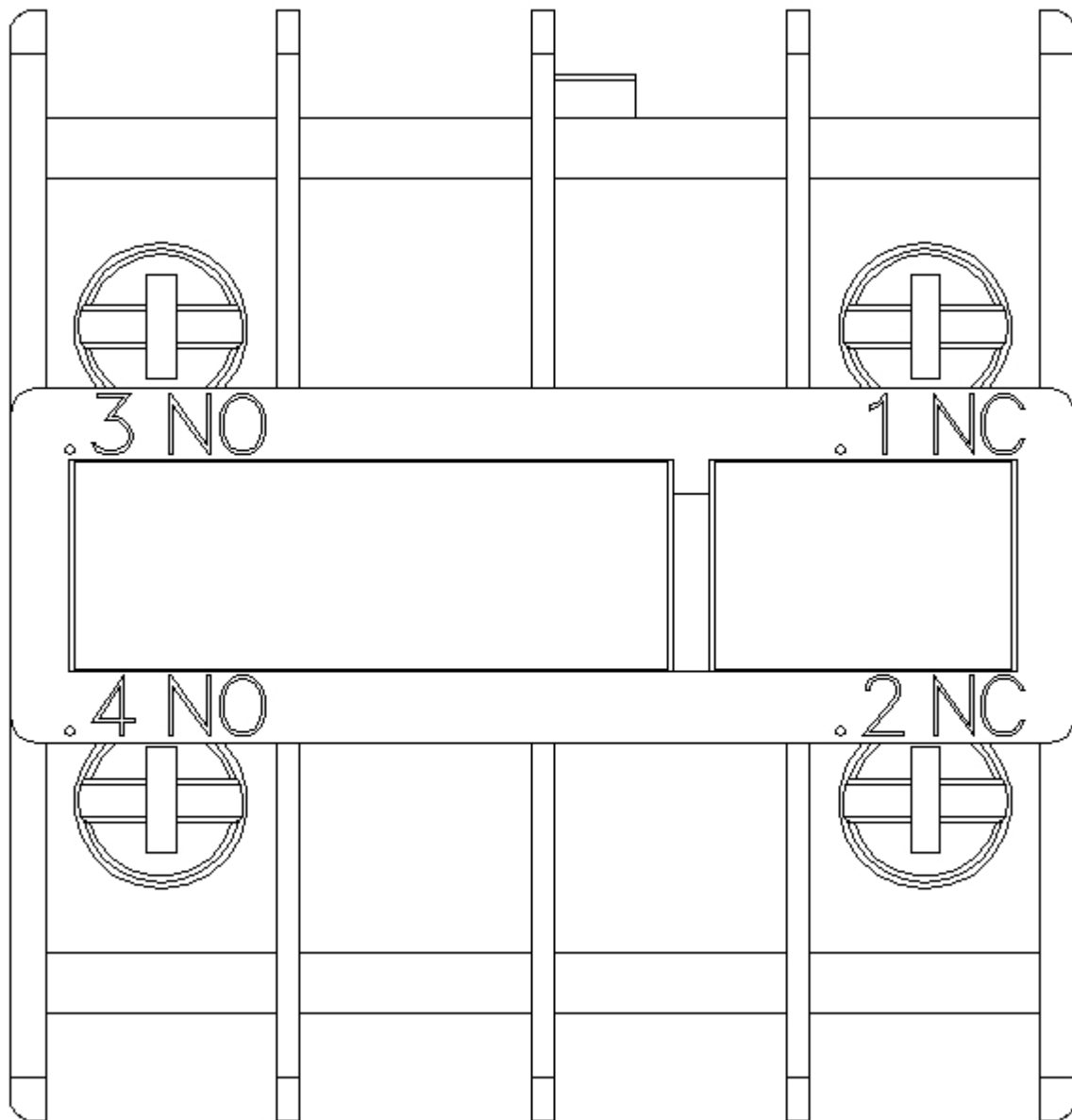
other Railway

Miscellaneous	Confirmation		Miscellaneous	Special Test Certificate	Type Test Certificates/Test Report
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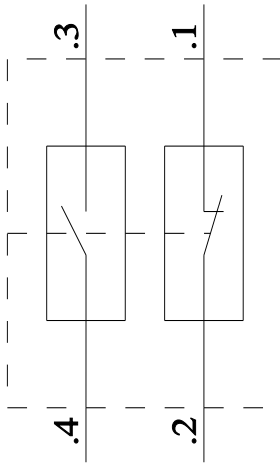
Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
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=3RH2911-4NF11>
Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4NF11>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4NF11>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4NF11&lang=en

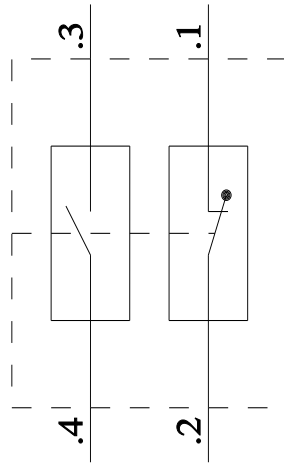




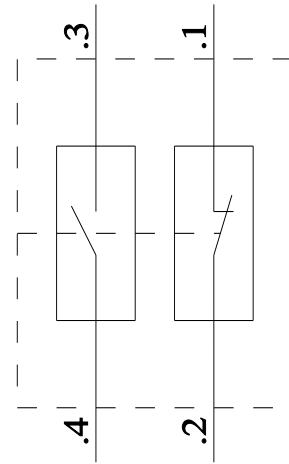
3RT2x1



3RT2x2 / 3RT2x3 / 3RT2x4



3RH2



last modified:

6/1/2025 