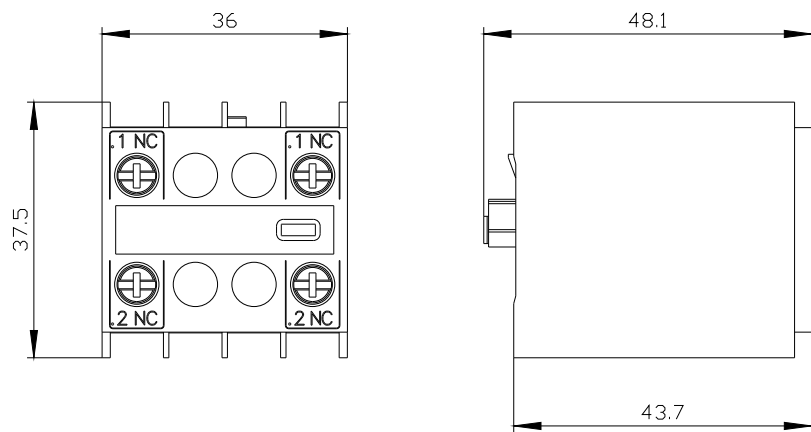




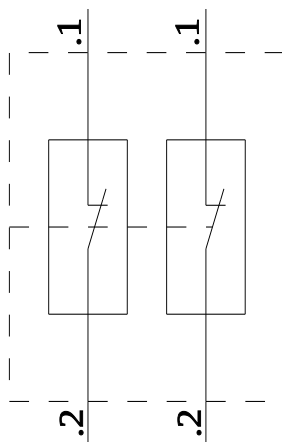
auxiliary switch, solid-state compatible, on the front, 2 NC, .1/2, --/--, --/--, .1/2, current path: 1 NC (solid-state compatible), --, --, 1 NC (solid-state compatible), screw terminal, for contactors 3RT2 and contactor relays 3RH2

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	IP20
mechanical service life (operating cycles) typical	5 000 000
Substance Prohibitance (day/month/year)	10/01/2009
Net Weight	0.043 g
number of NC contacts for auxiliary contacts	
• instantaneous contact	2
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	0
• 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

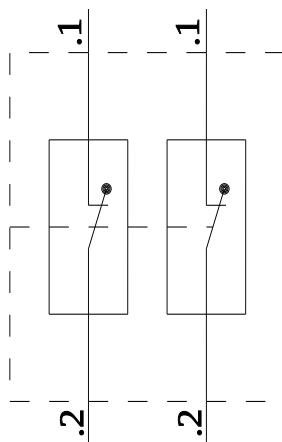
height	37.5 mm			
width	36 mm			
depth	43.7 mm			
Connections/ Terminals				
type of electrical connection for auxiliary and control circuit	screw-type terminals			
connectable conductor cross-section for auxiliary contacts				
• solid or stranded	0.5 ... 2.5 mm²			
• finely stranded with core end processing	0.5 ... 2.5 mm²			
type of connectable conductor cross-sections				
• for auxiliary contacts				
— solid or stranded	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)			
— finely stranded with core end processing	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)			
• for AWG cables for auxiliary contacts	2x (20 ... 16), 2x (18 ... 14)			
AWG number as coded connectable conductor cross section for auxiliary contacts	20 ... 14			
Approvals Certificates				
Environmental Product Declaration				
• global warming potential [CO2 eq] / during manufacturing	0.375 kg			
• global warming potential [CO2 eq] / during operation	0.0014 kg			
• global warming potential [CO2 eq] / after end of life	0.0202 kg			
• global warming potential [CO2 eq] / total	0.397 kg			
Environment	General Product Approval			
Environmental Confirmations     				
General Product Approval	EMV	Functional Safety	Test Certificates	Maritime application
		Type Examination Certificate	Special Test Certificate	Type Test Certificates/Test Report
				
Maritime application				
				
				
other	Railway			
Miscellaneous	Confirmation		Miscellaneous	Special Test Certificate
				Type Test Certificates/Test Report
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=3RH2911-1NF02				
Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-1NF02				
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1NF02				



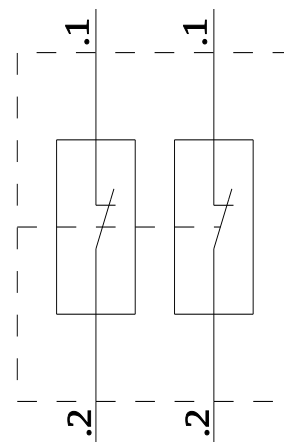
3RT2x1



3RT2x2 / 3RT2x3 / 3RT2x4



3RH2



last modified:

6/1/2025