



Electron. contr. auxiliary switch 2 NO, Current path 1 NO, --, --, 1 NO front-side for 3RH and 3RT screw terminal .3/.4, --/--, --/--, .3/.4

General technical data

product brand name	SIRIUS
suitability for use	Contactor 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	one incorrect switching operation of 100 million switching operations (5 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	
• instantaneous contact	0
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	2
• leading contact	0
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	36 mm
height	37.5 mm
depth	43.7 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 ²), 2x (0.75 ... 2.5 mm ²)
— with core end processing	2x (20 ... 16), 2x (18 ... 14)
• at AWG cables for auxiliary contacts	

Safety related data

product function mirror contact according to IEC 60947-4-1	Yes
• note	with 3RT2.2/3/4
product function positively driven operation	No

according to IEC 60947-5-1

Certificates/ approvals

General Product Approval

EMC



[Confirmation](#)



Functional Safety/Safety of Machinery

Test Certificates

Marine / Shipping

[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

other



[Confirmation](#)

[Environmental Confirmations](#)

other

Railway



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[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=3RH2911-1NF20>

Cax online generator

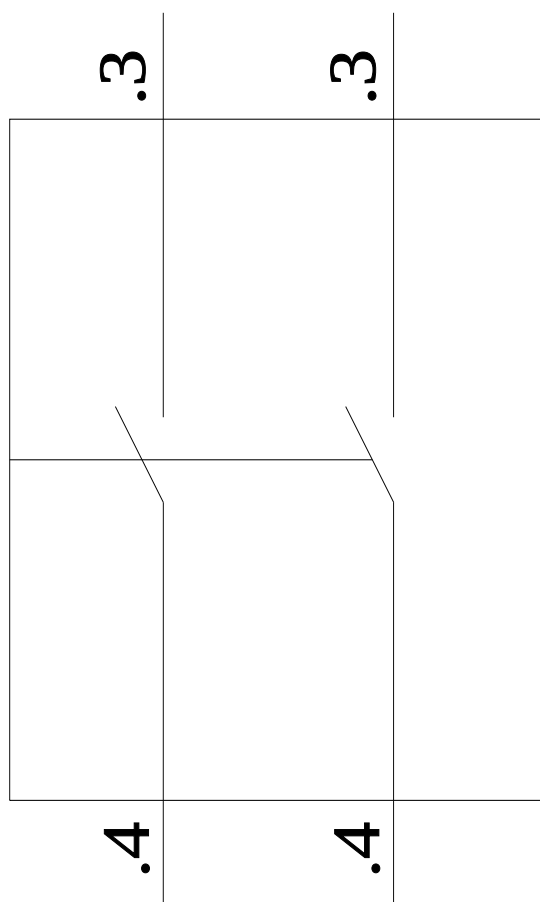
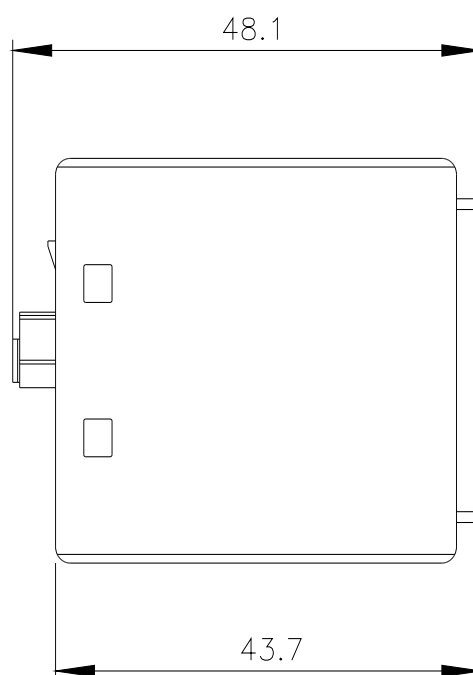
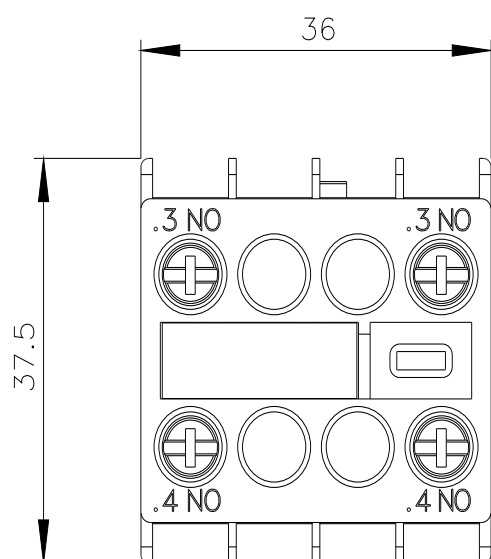
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-1NF20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1NF20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-1NF20&lang=en



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1/18/2021 