SIEMENS

Data sheet 3RH2911-1NF02



Electron. contr. auxiliary switch 2 NC, current path 1 NC, --, --, 1 NC front-side for 3RH and 3RT screw terminal .1/.2, --/--, --/--, .1/.2

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	2
● lagging switching	0
number of NO contacts for auxiliary contacts	
● instantaneous contact	0
● 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	
— with core end processing	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
● at AWG cables for auxiliary contacts	2x (20 ... 16), 2x (18 ... 14)
Safety related data	

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product function mirror contact acc. to IEC 60947-4-1	Yes
• note	with 3RT2.2/3/4
product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/ approvals

General Product Approval				EMC	Declaration of Conformity
CSA	CCC	UL	EAC	RCM	Miscellaneous

Declaration of Conformity	Test Certificates		Shipping Approval		
EG-Konf.	Special Test Certificate	Type Test Certificates/Test Report	ABS	BUREAU VERITAS	LRS

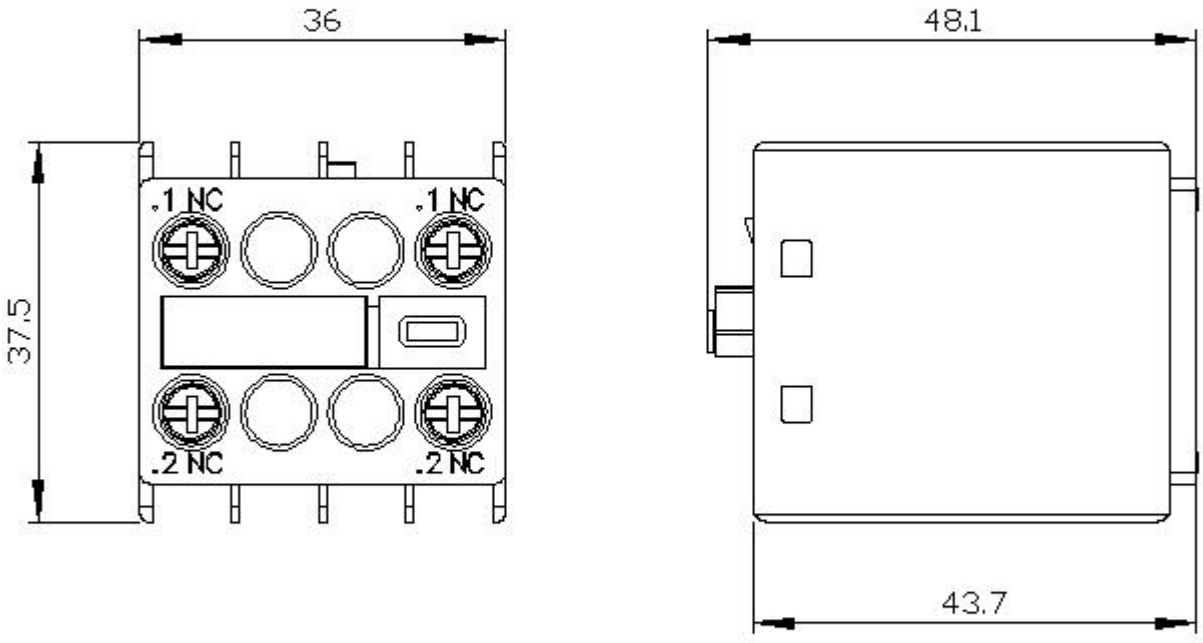
Shipping Approval			other	Railway
PRS	RINA	RMRS	Confirmation	VDE	Vibration and Shock

Railway		
Type Test Certificates/Test Report	Special Test Certificate	Special Test Certificate

Further information

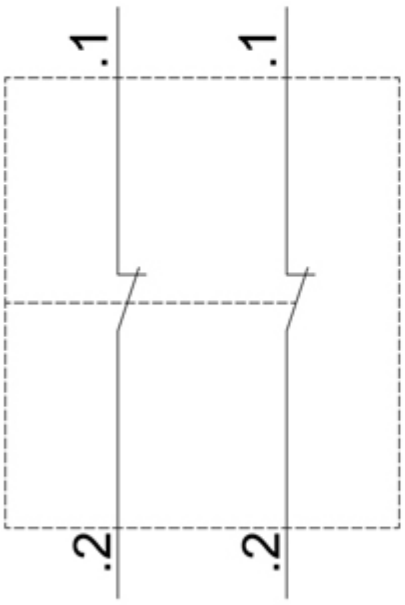
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https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1NF02
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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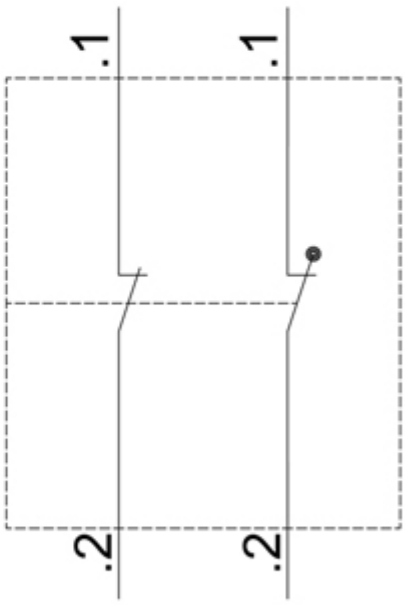


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3RT2.1



3RT2.2/3/4



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