SIEMENS

Data sheet 3RH2911-2NF02



Electron. contr. auxiliary switch on the front, 2 NC Current path 1 NC, 1 NC for 3RH and 3RT spring-type 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	41.5 mm
depth	47.7 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals
type of connectable conductor cross-sections	
● for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.5 mm²)
— without core end processing	2x (0.5 ... 2.5 mm²)
● at AWG cables for auxiliary contacts	2x (20 ... 14)

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Safety related data	
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

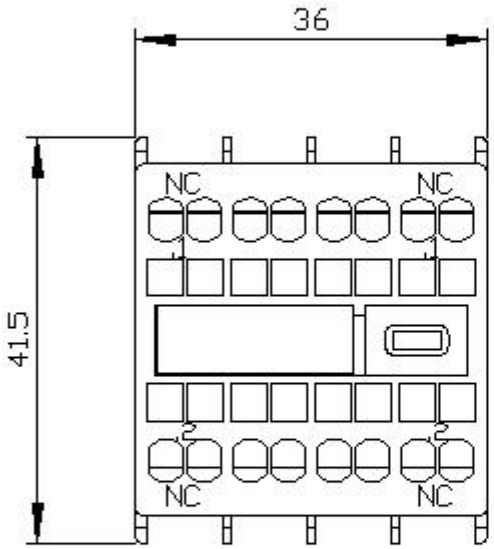
Shipping Approval			other	Railway
PRS	RINA	RMRS	Confirmation	VDE	Type Test Certificates/Test Report

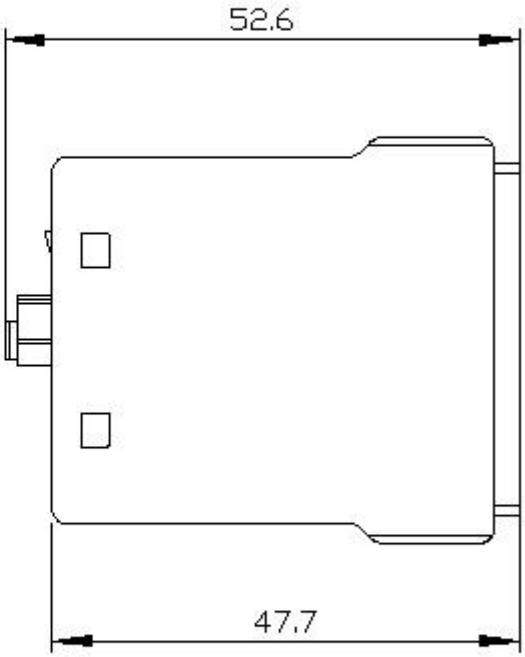
Railway		
Special Test Certificate	Vibration and Shock	Special Test Certificate

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=3RH2911-2NF02
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF02
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NF02
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NF02&lang=en

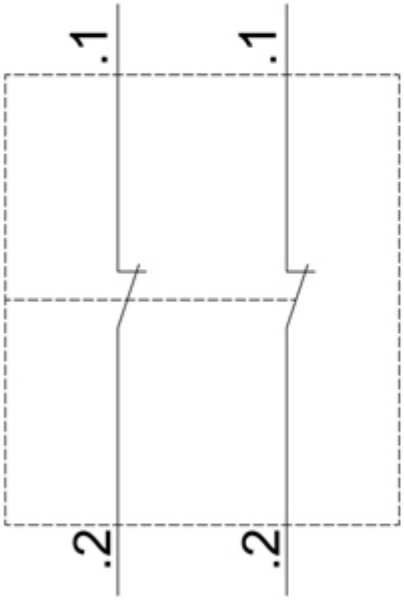
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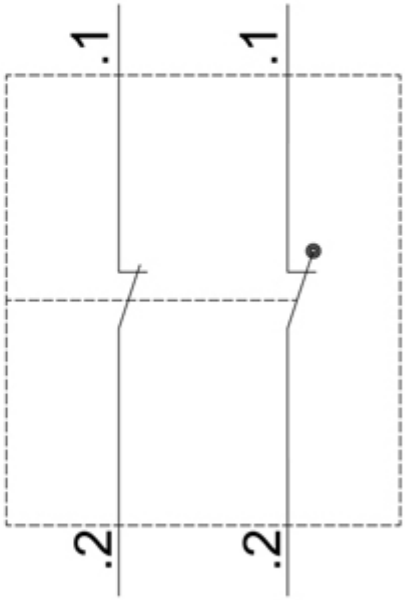


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3RT2.1



3RT2.2/3/4



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