SIEMENS

Data sheet 3RH2911-2XA04-0MA0



Auxiliary switch Front-side, 4 NC Current path 1 NC, 1 NC, 1 NC, 1 NC for 3RH2 and 3RT2 Spring-type terminal 51/52, 61/62, 71/72, 81/82

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	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 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	4
● lagging switching	0
number of NO contacts for auxiliary contacts	
● instantaneous contact	0
● leading contact	0
operational current of auxiliary contacts at AC-12	
● at 24 V	10 A
● at 230 V	10 A
● maximum	10 A
operational current	
● of auxiliary contacts	
— at AC-14	
— at 125 V	6 A
— at 250 V	6 A
— at AC-15	
— at 24 V	6 A
— at 230 V	6 A
— at 400 V	3 A
● at AC-15 at 690 V rated value	1 A
operational current	
● of auxiliary contacts at DC-12	
— at 24 V	10 A

Subject to change without notice
© Copyright Siemens

— at 110 V	3 A
— at 220 V	1 A
● with 2 current paths in series at DC-12	
— at 24 V rated value	10 A
— at 60 V rated value	10 A
— at 110 V rated value	4 A
— at 220 V rated value	2 A
— at 440 V rated value	1.3 A
— at 600 V rated value	0.65 A
● with 3 current paths in series at DC-12	
— at 24 V rated value	10 A
— at 60 V rated value	10 A
— at 110 V rated value	10 A
— at 220 V rated value	3.6 A
— at 440 V rated value	2.5 A
— at 600 V rated value	1.8 A
operational current	
● of auxiliary contacts at DC-13	
— at 24 V	6 A
— at 60 V	2 A
— at 110 V	1 A
— at 220 V	0.3 A
● with 2 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	3.5 A
— at 110 V rated value	1.3 A
— at 220 V rated value	0.9 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.1 A
● with 3 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	4.7 A
— at 110 V rated value	3 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.5 A
— at 600 V rated value	0.26 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)
Safety related data	
product function mirror contact acc. to IEC 60947-4-1	Yes
● **note**	with 3RT2
product function positively driven operation acc. to IEC 60947-5-1	Yes
● **note**	with 3RH2
Certificates/ approvals	

General Product Approval	EMC	Declaration of

Subject to change without notice
© Copyright Siemens

					Conformity
CSA	CCC	UL	EAC	RCM	CE EG-Konf.

Declaration of Conformity	Test Certificates		Shipping Approval		
Miscellaneous	Special Test Certificate	Type Test Certificates/Test Report	ABS	BUREAU VERITAS	Lloyd's Register LRS

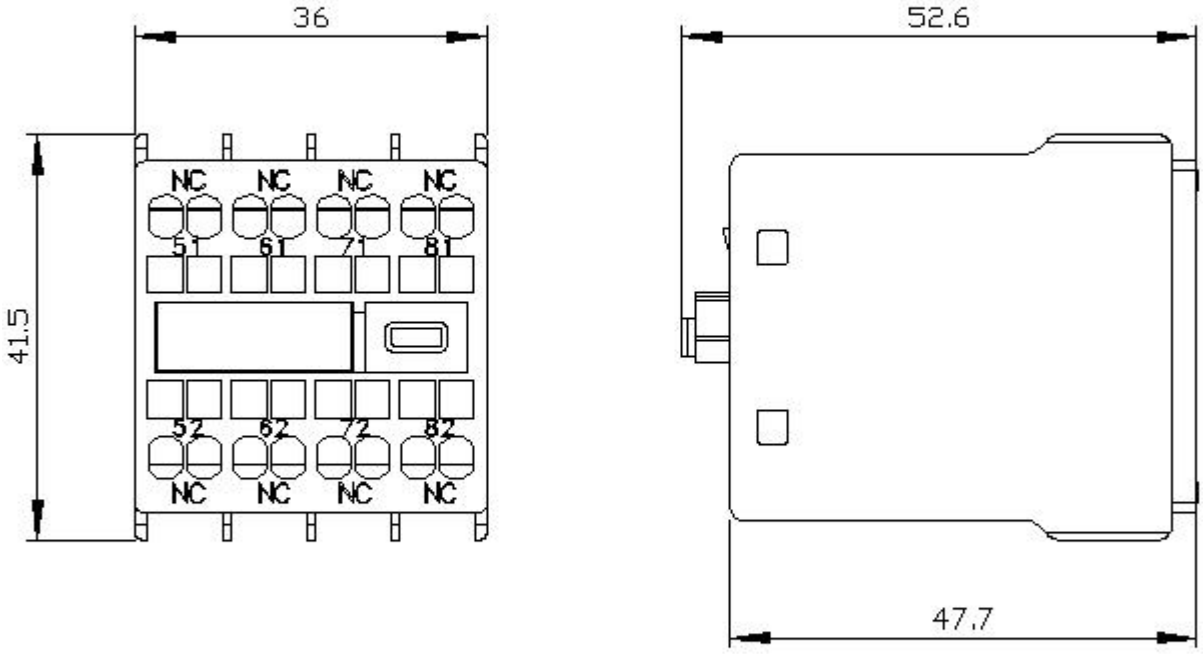
Shipping Approval			other		Railway
PRS	RINA	RMRS	Confirmation	VDE	Special Test Certificate

Railway
Vibration and Shock

Further information

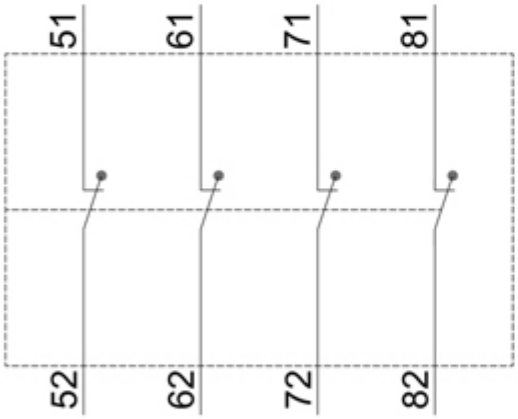
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2911-2XA04-0MA0
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2XA04-0MA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2XA04-0MA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2XA04-0MA0&lang=en

Subject to change without notice
© Copyright Siemens

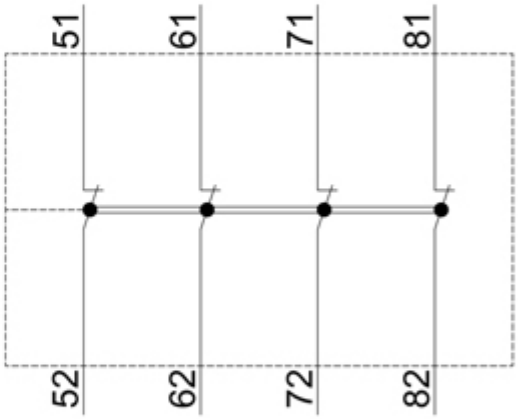


Subject to change without notice
© Copyright Siemens

3RT2



3RH2



last modified: 11/5/2020

Subject to change without notice
© Copyright Siemens