SIEMENS

Data sheet 3RH2911-4GA31



Auxiliary switch on the front, 3 NO + 1 NC Current path 1 NO, 1 NC, 1 NO, 1 NO for contactor relays Size S00 Ring cable lug connection 53/54, 63/64, 73/74, 83/84 Physically coded; only with contactor relays 3RH2140* and 3RH2440* can be combined (according to EN 50011)

General technical data	
product brand name	SIRIUS
suitability for use	Contactor relay
protection class IP on the front	IP00
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	1
● lagging switching	0
number of NO contacts for auxiliary contacts	
● instantaneous contact	3
● 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

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— 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	37.5 mm
depth	43.7 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	ring cable connection
Safety related data	
product function mirror contact acc. to IEC 60947-4-1	No
product function positively driven operation acc. to IEC 60947-5-1	Yes
● **note**	with 3RH2
Certificates/ approvals	

General Product Approval					EMC
CSA	CCC	UL	KC	EAC	RCM

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Declaration of Conformity	Test Certificates	Shipping Approval
Miscellaneous	Type Test Certificates/Test Report Special Test Certificate	

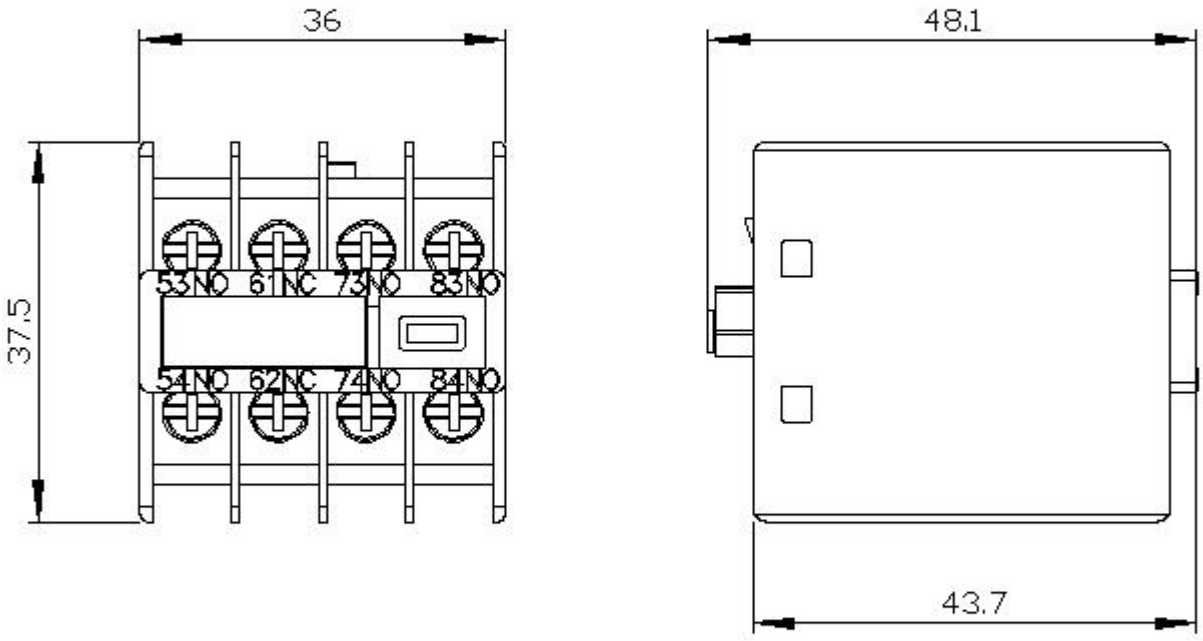
Shipping Approval	other
	Confirmation

Railway
Vibration and Shock Type Test Certificates/Test Report

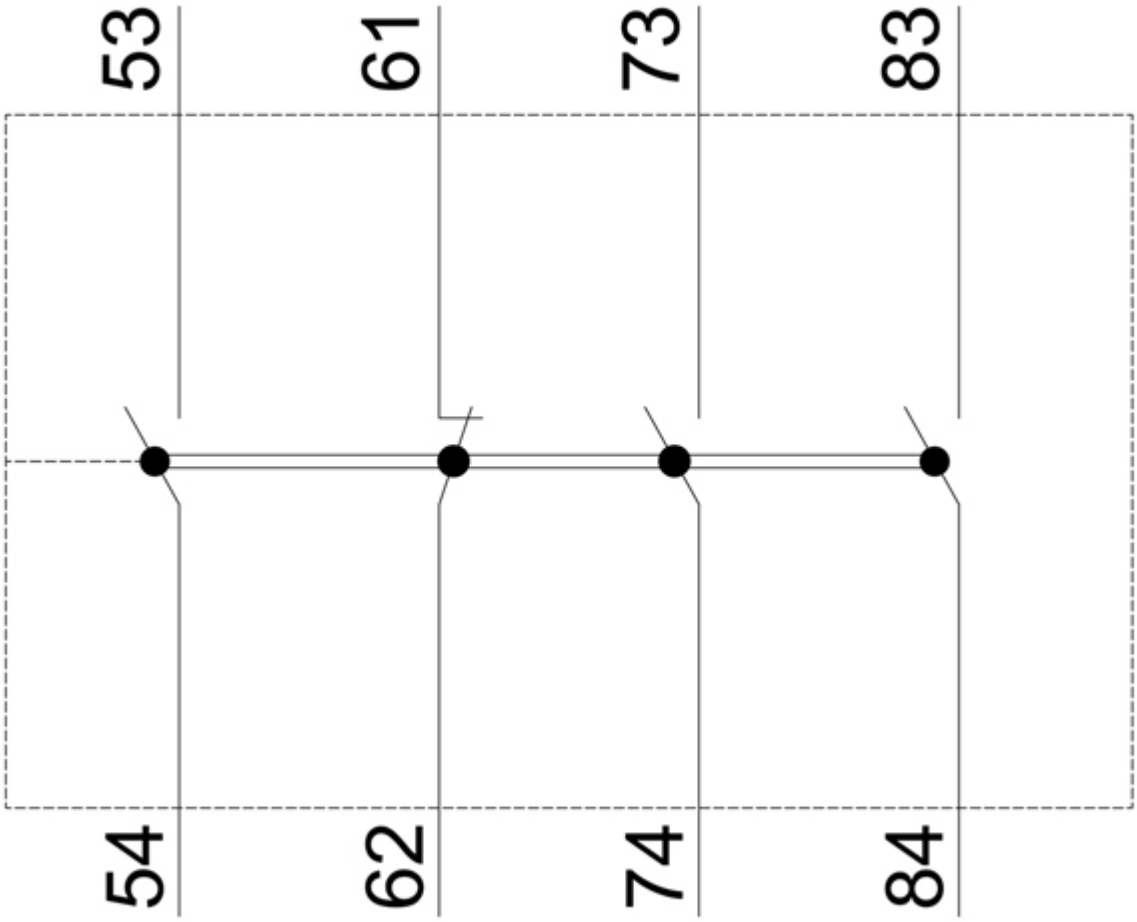
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https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4GA31
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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