## SIEMENS

## Data sheet

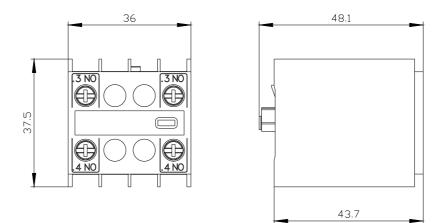
## 3RH2911-1NF20

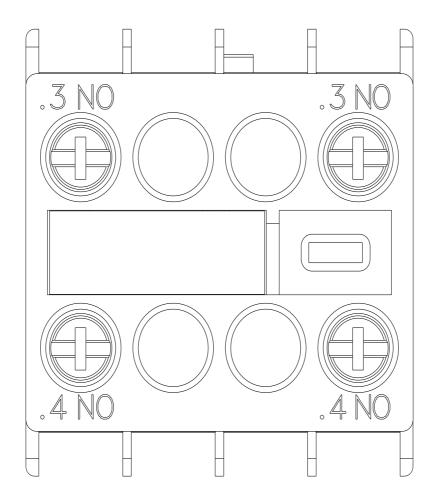


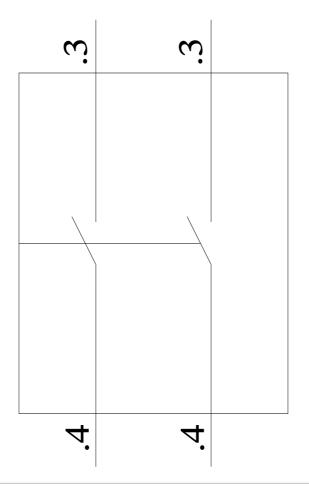
auxiliary switch, solid-state compatible, on the front, 2 NO, .3/.4, --/--, .3/.4, current path: 1 NO (solid-state compatible), --, --, 1 NO (solid-state compatible), screw terminal, for contactors 3RT2 and contactor relays 3RH2

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	for snapping onto the front
product type designation	3RH29
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	S00, S0, S2, S3
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	5 000 000
Substance Prohibitance (Date)	10/01/2009
number of NC contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	0
<ul> <li>lagging switching</li> </ul>	0
number of NO contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	2
leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current of auxiliary contacts at DC-13	
• at 24 V	0.3 A
• at 48 V	0.3 A
• at 60 V	0.3 A
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (5 V, 1 mA) $$
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C
during storage	-55 +80 °C
Safety related data	
product function	
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes; with 3RT2.2/3/4
<ul> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	No
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (5 V, 1 mA) $$
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	37.5 mm
width	36 mm

depth			43.7 mm		
onnections/ Terminals					
type of electrical conne	ction for auxiliary and cor	ntrol circuit	screw-type terminals		
connectable conductor cross-section for auxiliary contacts		ciliary contacts			
solid or stranded			0.5 2.5 mm²		
<ul> <li>finely stranded with core end processing</li> </ul>			0.5 2.5 mm²		
type of connectable c	onductor cross-section	IS			
<ul> <li>for auxiliary containing</li> </ul>	acts				
— solid or stranded			2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>			2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )		
• for AWG cables for auxiliary contacts			2x (20 16), 2x (18 14)		
AWG number as coded connectable conductor cross section for			20 14		
auxiliary contacts					
pprovals Certificates					
General Product App	oval				EMC
	CCC	<u>Confirmation</u>		EAC	RCM
Functional Safety/Safety of Ma- chinery	Declaration of Confo	ormity	Test Certificates		Marine / Shipping
<u>Fype Examination Cer-</u> tificate	CE EG-Konf.	UK CA	Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS
Marine / Shipping					
Marine / Shipping		Hovd's Register Uis	PRS	RINA	<b>EXAMPLE</b>
Marine / Shipping	JÅ DNV DNV	Lits Railway	PRS	RINA	<b>Environment</b>
BUREAU VERITAS				Vibration and Shock	
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11/30/2021 🖸