SIEMENS

Data sheet

3RH2911-2GA13

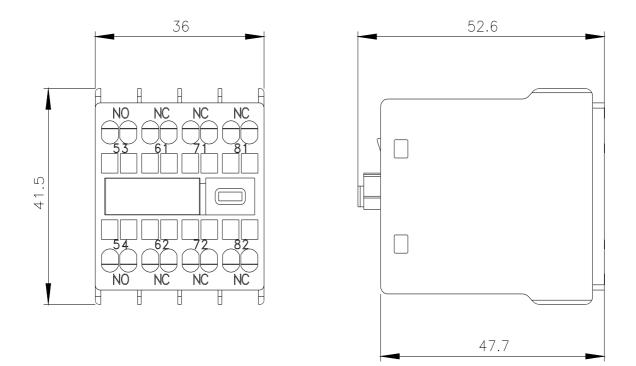


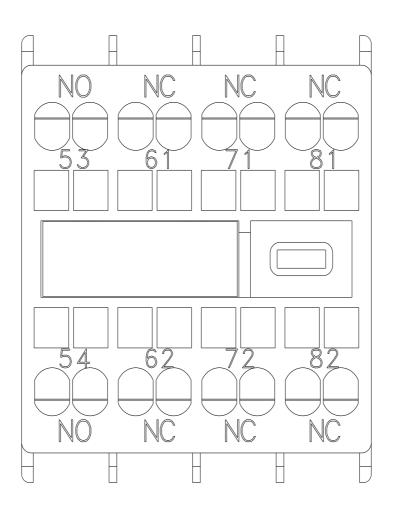
auxiliary switch, on the front, 1 NO + 3 NC, 53/54, 61/62, 71/72, 81/82, current path: 1 NO, 1 NC, 1 NC, 1 NC, spring-loaded terminal, physically coded, only with contactor relays 3RH2140 and 3RH2440 combinable (according to EN 50011)

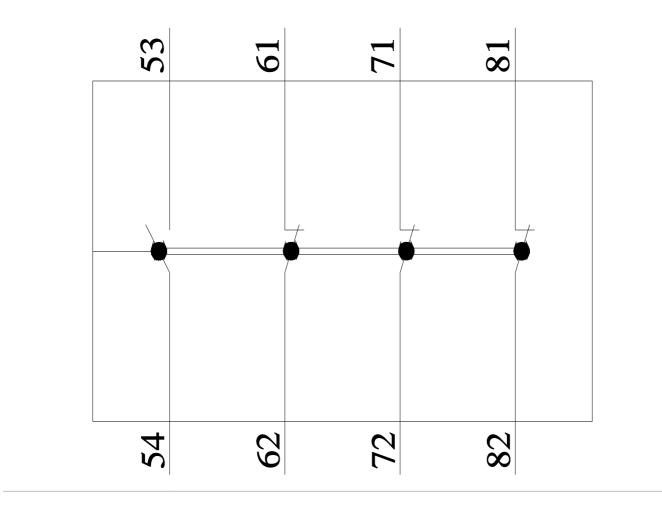
product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	Can be snapped onto front of 3RH2140/3RH2440 auxiliary switch
product type designation	3RH29
suitability for use	Contactor relay
General technical data	
size of contactor	S00
insulation 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	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V	200 000
typical	
Substance Prohibitance (Date)	10/01/2009
number of NC contacts for auxiliary contacts	
 instantaneous contact 	3
lagging switching	0
number of NO contacts for auxiliary contacts	
 instantaneous contact 	1
leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current at AC-15 at 690 V rated value	1 A
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
operational current of auxiliary contacts at AC-14	
• at 125 V	6 A
• at 250 V	6 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 24 V	6 A
• at 230 V	6 A
• at 400 V	3 A
operational current of auxiliary contacts at DC-12	
• at 24 V	10 A
• at 110 V	3 A
• at 220 V	1 A
operational current 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
operational current 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 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
operational current 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	3A
at 220 V rated value	1.2 A
at 440 V rated value	0.5 A
at 600 V rated value	0.26 A
operational current of auxiliary contacts at DC-13	0.2017
• at 24 V	6 A
• at 48 V	2 A
• at 60 V	2 A
• at 110 V	1A
• at 125 V	0.9 A
• at 220 V	0.3 A
• at 250 V	0.3 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Ambient conditions	
ambient temperatureduring operation	-25 +60 °C
during operation orge	-25 +80 °C
	-55 TOU C
Safety related data	
product function	No
mirror contact according to IEC 60947-4-1	No
positively driven operation according to IEC 60947-5-1	Yes
positively driven operation according to IEC 60947-5-1	with 3RH2
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	41.5 mm
width	36 mm
depth	47.7 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.5 2.5 mm ²
 finely stranded with core end processing 	0.5 2.5 mm ²
finely stranded without core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid or stranded	2x (0.5 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)

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