SIEMENS

Data sheet

3RH1921-2DA11

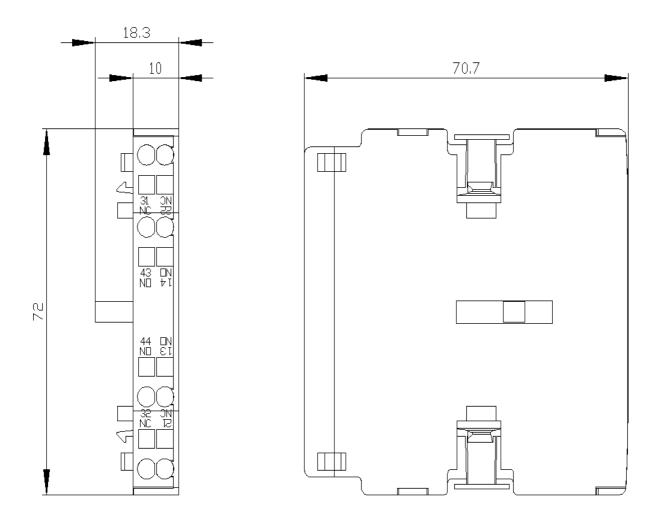


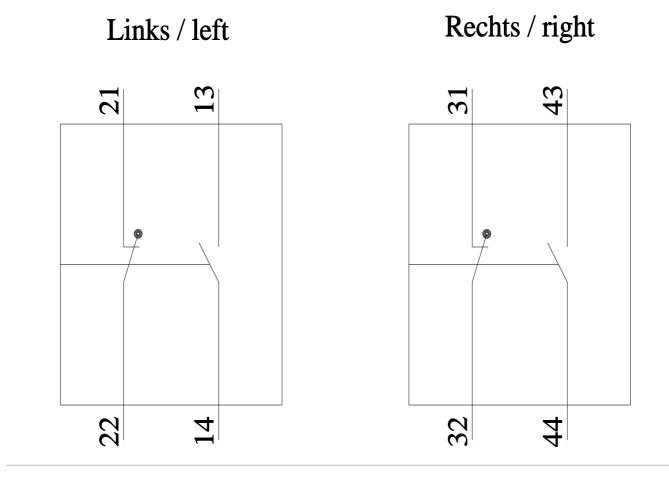
first lateral auxiliary switch 1 NO, 1 NC, spring-type terminal, for contactors 3RT1

product brand name	SIRIUS
product category	Auxiliary switch
product designation	auxiliary switch
design of the product	first laterally mountable
product type designation	3RH19
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	S0
insulation voltage with degree of pollution 3 at AC rated value	500 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 typical	200 000
Substance Prohibitance (Date)	07/01/2006
number of NC contacts for auxiliary contacts	
 instantaneous contact 	1
number of NO contacts for auxiliary contacts	
instantaneous contact	1
number of CO contacts of auxiliary contacts instantaneous contact	0
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

Ambient conditions ambient temperature • during operation • during storage Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method snap-on mounting height 72.5 mm width 10 mm depth 71 mm Connections/ Terminals type of electrical connection for auxiliary and control circuit spring-loaded terminat connectable conductor cross-section for auxiliary contacts • solid or stranded 0.5 2.5 mm² 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing • for auxiliary contacts - solid or stranded - solid or stranded - finely stranded with core end processing - finely stranded with core end processing - finely stranded with core end proces	
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auxiliary contacts	
Approvals Certificates	
General Product Approval	Functional Safety/Safety of Ma- chinery

SP	<u>Confirmation</u>		<u>KC</u>	EHC	<u>Type Examination Cer-</u> <u>tificate</u>			
Declaration of Conform	ity	Test Certificates	Marine / Shipping		other			
CE EG-Konf.	UK CA	<u>Special Test Certific-</u> <u>ate</u>	ABS	DIVIGL DIVIGL	<u>Confirmation</u>			
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