SIEMENS

Data sheet



auxiliary switch, on the front, 2 NO + 2 NC, .1/.2, .1/.2, .3/.4, .3/.4, current path: 1 NC, 1 NC, 1 NO, 1 NO, screw terminal, for contactors 3RT2 and contactor relays 3RH2, multi-unit packaging, pack = 60 units

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	for 3RT2.1, 3RT2.2, 3RT2.3, 3RT2.4, 3RH2
General technical data	
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 typical	200 000
Substance Prohibitance (Date)	10/01/2009
Weight	0.05 kg
number of NC contacts for auxiliary contacts	
• instantaneous contact	2
lagging switching	0
number of NO contacts for auxiliary contacts	
 instantaneous contact 	2
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

0101110

** all 10 V rated value		
a 220 V rated value	at 60 V rated value	10 A
### 464 V rited value ### at 600 V rated value ### at 600 V rated value ### at 600 V rated value ### at 700 value ### at 10 V rated value ### at 10 V rated value ### at 10 V rated value ### at 600	 at 110 V rated value 	4 A
e. at 200 V meted value	 at 220 V rated value 	2 A
operational current with 3 current paths in series at DC-12 at 24 V rated value at 10 V rated value 10 A 11 TO V rated value 10 A 11 TO V rated value 2.5 A 3.6 A 3.6 A 3.6 A 3.6 A 3.6 A 3.6 A 3.7 Carted value 3.6 A 3.7 Carted value 3.8 A 3.9 Carted value 3.9 Carted value 3.0 A 3.0 Carted value 3.0 A 3.0 Carted value 3.1 A 3.0 Carted value 3.1 A 3.1 A 3.2 Carted value 3.3 A 3.3 A 3.4 Carted value 3.5 A 3.6 A 3.7 Carted value 3.7 Carted value 3.8 A 3.9 A 3.1 Carted value 3.1 A 3.1 Carted value 3.2 Carted value 3.1 A 3.2 Carted value 3.3 A 3.4 Carted value 3.4 Carted value 3.4 Carted value 3.5 A 3.6 Carted value 3.7 Carted value 3.7 Carted value 3.8 Carted value 3.8 Carted value 3.8 Carted value 4.7 Carted value 4.7 Carted value 4.7 Carted value 4.7 Carted value 5.5 A 5.7 Carted value 5.8 Carted value 5.8 Carted value 5.9 Carted value 5.8 Carted value 5. Carted value 6.	 at 440 V rated value 	1.3 A
10 A	at 600 V rated value	0.65 A
e at 60 V rated value e1 10 A e1 110 V rated value e1 440 V rated value e1 460 V rated value e1 10 A e1 80 V rated value e1 110 V rated value e1 460 V rated	operational current with 3 current paths in series at DC-12	
eat 110 V rated value	at 24 V rated value	10 A
• at 220 V rated value	at 60 V rated value	10 A
a. 440 V rated value	at 110 V rated value	10 A
e at 500 V rated value operational current with 2 current paths in series at DC-13 at 600 V rated value at 600 V rated value 13.6 A at 220 V rated value 0.9 A at 440 V rated value 0.1 A operational current with 3 current paths in series at DC-13 at 600 V rated value 0.1 A operational current with 3 current paths in series at DC-13 at 600 V rated value 10.1 A operational current with 3 current paths in series at DC-13 at 600 V rated value 11.0 A 11.0 V rated value 12.0 V rated value 13.0 A 12.1 V rated value 13.0 A 12.2 V rated value 12.2 V rated value 13.4 A 12.4 V 14.4 V rated value 15.4 A 16.4 V rated value 16.4 V rated value 17.4 V rated value 18.4 V rated value 19.5 A 18.4 V rated value 19.6 A 18.4 V rated	at 220 V rated value	3.6 A
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at 24 V rated value at 60 V rated value at 100 V rated value at 220 V rated value at 240 V rated value at 240 V rated value at 400 V rated value at 500 V ratevalue at 500 V ratevalue at 500 V ratevalue at 500 V ratevalu	at 600 V rated value	1.8 A
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at 80 V rated value		10 A
a st 110 V rated value	at 60 V rated value	3.5 A
at 1200 V rated value at 460 V rated value at 160 V rated value at 260 V rated value at 260 V rated value at 460 V rated value operational current of auxiliary contacts at DC-13 at 24 V at 48 V at 48 V at 160 V at 110 V at 110 V at 110 V at 125 V at 125 V at 250 V design of the miniature circuit breaker for short-circuit protection of the auxiliary current up to 230 V design of the miniature circuit breaker for short-circuit protection of during operation -25 +60 °C during storage Environmental Product Declaration(EPD) Yes global warming potential [CO2 eq] during manufacturing objobal warming potential [CO2 eq] during operation opsitive function design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection of the function of the auxiliary contacts **Short-circuit protection design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required **C characteristic: 10 A; 0.4 kA	at 110 V rated value	
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at 220 V rated value		
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product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 Short-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions fastening method height 37.5 mm width		
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Short-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions fastening method snap-on mounting height 37.5 mm width 36 mm	-	
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Installation/ mounting/ dimensions fastening method snap-on mounting height 37.5 mm width 36 mm	design of the fuse link for short-circuit protection of the auxiliary	gG: 10 A (690 V, 1 kA)
fastening methodsnap-on mountingheight37.5 mmwidth36 mm		
height 37.5 mm width 36 mm		
width 36 mm		
depth 43.7 mm		
	depth	43./ mm

screw-type terminals
0.5 2.5 mm²
0.5 2.5 mm²
2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
2x (20 16), 2x (18 14)
20 14

Approvals Certificates

General Product Approval















Functional Saftey

Test Certificates

Maritime application

Type Examination Certificate Type Test Certificates/Test Report

Special Test Certificate







Maritime application

other







Confirmation

Miscellaneous



Railway

Environment

Special Test Certificate



Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3RH2911-1HA22-Z W98

Cax online generator

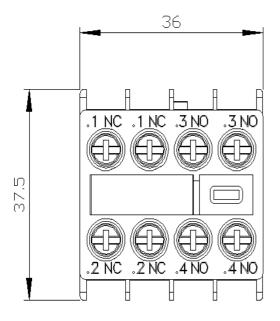
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-1HA22-Z W98

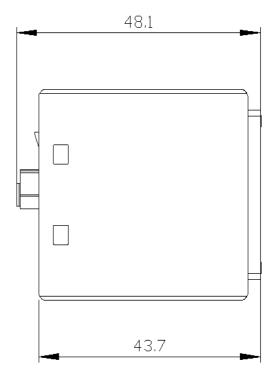
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

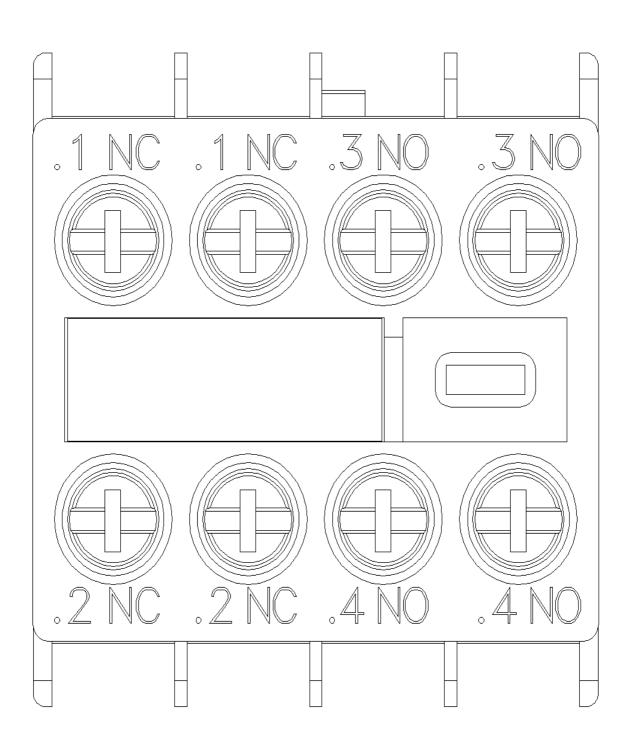
https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-1HA22-Z W98

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

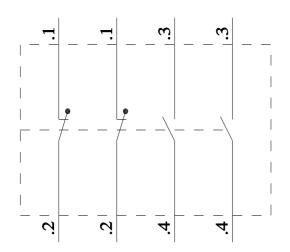
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-1HA22-Z W98&lang=en

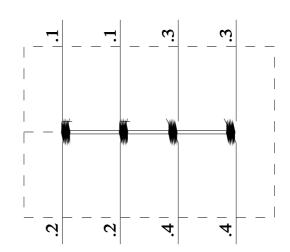






3RT2 3RH2





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