SIEMENS

Data sheet 3RH2911-4NF11

0101110



auxiliary switch, solid-state compatible, on the front, 1 NO + 1 NC, .3/.4, --/--, --/--, .1/.2, current path: 1 NO (solid-state compatible), --, --, 1 NC (solid-state compatible), ring cable lug connection, for contactors 3RT2 and contactor relays 3RH2

product designation auxiliary switch design of the product product type designation 3R129 suitability for use Contactor relay and power contactor General technical data size of contactor insulation voltage with degree of poliution 3 at AC rated value 690 V surge voltage resistance rated value 690 V surge voltage resistance rated value 1P00 mechanical service life (operating cycles) typical 5000 000 Substance Prohibitance (Date) 1001/2009 number of NC contacts for auxiliary contacts insulation expension 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	product brand name	SIRIUS
design of the product product type designation 3RH29 Contactor relay and power contactor Ceneral technical data size of contactor insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value protection class IP on the front IPO0 Substance Prohibitance (Date) number of NC contacts for auxiliary contacts instantaneous contact leading contact size of contacts for auxiliary contacts instantaneous contact leading contact size of contacts for auxiliary contacts instantaneous contact leading contact instantaneous contact leading contact for auxiliary contacts instantaneous contact leading contact contact contact contact contact contact contact contact contact contacts of auxiliary contacts at DC-13 at 48 V 0.3 A at 48 V 0.3 A at 48 V 0.3 A at 60 V contact reliability of auxiliary contacts ambient temperature during operation during storage contact contac	product category	Auxiliary switch
product type designation suitability for use Contactor relay and power contactor General technical data size of contactor insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value protection class IP on the front protection class IP on the front IP00 mechanical service life (operating cycles) typical Substance Prohibitance (Date) number of NC contacts for auxiliary contacts instantaneous contact instantaneous conta	product designation	auxiliary switch
suitability for use General technical data size of contactor insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value protection class IP on the front protection class IP on the front IPPO mechanical service life (operating cycles) typical Substance Prohibitance (Date) number of NC contacts for auxiliary contacts instantaneous contact leading contact number of NO contacts for auxiliary contacts instantaneous contact leading contact number of CO contacts of auxiliary contacts operational current of auxiliary contacts at DC-13 at 24 V at 48 V at 60 V at 48 V at 60 V contact reliability of auxiliary contacts ambient temperature during operation during operation during operation eduring operation eduring operation emiror contact according to IEC 60947-5-1 contact reliability of auxiliary contacts fastening method Contact reliability of auxiliary contacts one incorrect switching operation of 100 million switching operations (5 V, 1 mA) No contact reliability of auxiliary contacts one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Yes; with 3RT2.2/3/4 one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions fastening method	design of the product	for snapping onto the front
size of contactor insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value protection class IP on the front mechanical service life (operating cycles) typical Substance Prohibitance (Date) number of NC contacts for auxiliary contacts instantaneous contact leaging switching 0 number of NC contacts for auxiliary contacts instantaneous contact leading contact leading contact 0 number of CO contacts of auxiliary contacts operational current of auxiliary contacts at DC-13 at 24 V at 48 V at 48 V at 48 V at 60 V contact reliability of auxiliary contacts ambient temperature during operation during storage safety related data product function mirror contact according to IEC 60947-5-1 contact reliability of auxiliary contacts snape-on mounting snape-on mounting snape-on mounting snape-on mounting	product type designation	3RH29
insulation voltage with degree of poliution 3 at AC rated value surge voltage resistance rated value protection class IP on the front IPO0 Imechanical service life (operating cycles) typical Substance Prohibitance (Dato) Inumber of NC contacts for auxiliary contacts insiantaneous contact leading contact I leading contact leading contact I leading contacts of auxiliary contacts instantaneous I leading contact I leading cont	suitability for use	Contactor relay and power contactor
insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value protection class IP on the front mechanical service life (operating cycles) typical Substance Prohibitance (Date) number of NC contacts for auxiliary contacts instantaneous contact lagging switching number of NO contacts for auxiliary contacts instantaneous contact leading contact leading contact operational current of auxiliary contacts at DC-13 at 24 V at 48 V at 48 V at 60 V contact reliability of auxiliary contacts ambient temperature during operation during storage ambient temperature during operation during storage 5-55+80 °C Safety related data product function mirror contact according to IEC 60947-5-1 contact reliability of auxiliary contacts manual reliability of auxiliary contacts no en incorrect switching operation of 100 million switching operations (5 V, 1 million switching operations) operation of 100 million switching operations (5 V, 1 million switching operations) ambient temperature during operation emirror contact according to IEC 60947-5-1 opositively driven operation according to IEC 60947-5-1 opositively driven operation according to IEC 60947-5-1 opositively driven operation according to IEC 60947-5-1 one incorrect switching operation of 100 million switching operations (5 V, 1 million switching operations) one incorrect switching operation of 100 million switching operations (5 V, 1 million switching operations) support of the KPV yes; with 3RT2.2/3/4 No one incorrect switching operation of 100 million switching operations (5 V, 1 million switching operations) support of the KPV support of CO contacts of the Contact switching operation of 100 million switching operations (5 V, 1 million switching operations) support of CO contacts of the Contact switching operation of 100 million switching operations (5 V, 1 million switching operations) support of CO contacts of the Contact switching operation of 100 million switching operations (5 V, 1 million switching operations)	General technical data	
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protection class IP on the front mechanical service life (operating cycles) typical 5 000 000 Substance Prohibitance (Date) 10/01/2009 number of NC contacts for auxiliary contacts	insulation voltage with degree of pollution 3 at AC rated value	690 V
mechanical service life (operating cycles) typical 5 000 000 Substance Prohibitance (Date) 10/01/2009 number of NC contacts for auxiliary contacts • instantaneous contact 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	surge voltage resistance rated value	6 kV
Substance Prohibitance (Date) number of NC contacts for auxiliary contacts instantaneous contact lagging switching number of NO contacts for auxiliary contacts instantaneous contact leading contact leading contact number of CO contacts of auxiliary contacts instantaneous contact operational current of auxiliary contacts at DC-13 at 24 V	protection class IP on the front	IP00
number of NC contacts for auxiliary contacts instantaneous contact lagging switching number of NO contacts for auxiliary contacts instantaneous contact leading contact leading contact number of CO contacts of auxiliary contacts instantaneous contact number of CO contacts of auxiliary contacts instantaneous contact operational current of auxiliary contacts at DC-13 at 24 V at 48 V at 48 V ous A at 60 V contact reliability of auxiliary contacts 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 contact reliability of auxiliary contacts mA) Installation/ mounting/ dimensions fastening method snap-on mounting strage and 1 1 1 1 1 1 1 1 1 1 1 1 1	mechanical service life (operating cycles) typical	5 000 000
instantaneous contact lagging switching number of NO contacts for auxiliary contacts instantaneous contact leading contact leading contact number of CO contacts of auxiliary contacts instantaneous contact operational current of auxiliary contacts at DC-13 at 24 V at 48 V at 48 V at 48 V bean one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Ambient conditions ambient temperature during operation during storage -25 +60 °C -55 +80 °C Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts mA) Installation/ mounting/ dimensions fastening method snap-on mounting o name of NO contacts and instantaneous o no incorrect switching operation of 100 million switching operations (5 V, 1 mA) linstallation/ mounting/ dimensions fastening method o no incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions fastening method	Substance Prohibitance (Date)	10/01/2009
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instantaneous contact leading contact number of CO contacts of auxiliary contacts instantaneous contact operational current of auxiliary contacts at DC-13 instantaneous contact operational current of auxiliary contacts at DC-13 instantaneous contact operational current of auxiliary contacts at DC-13 instantaneous contact at a CO-13 instantaneous contact at a CO-13 instantaneous contact according to IEC 60947-6-1 instantaneous contact according to IEC 60947-6-1 contact reliability of auxiliary contacts instantaneous contact according to IEC 60947-6-1 instantaneous contact acc	lagging switching	0
leading contact number of CO contacts of auxiliary contacts instantaneous contact operational current of auxiliary contacts at DC-13	number of NO contacts for auxiliary contacts	
number of CO contacts of auxiliary contacts instantaneous contact operational current of auxiliary contacts at DC-13 • at 24 V • at 48 V • at 60 V contact reliability of auxiliary contacts 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 contact reliability of auxiliary contacts one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Yes; with 3RT2.2/3/4 • positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions fastening method	 instantaneous contact 	1
operational current of auxiliary contacts at DC-13 • at 24 V • at 48 V • at 60 V contact reliability of auxiliary contacts 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 contact reliability of auxiliary contacts one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Yes; with 3RT2.2/3/4 • positively driven operation according to IEC 60947-5-1 No one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions fastening method	leading contact	0
 at 24 V at 48 V at 60 V contact reliability of auxiliary contacts 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 none incorrect switching operation of 100 million switching operations (5 V, 1 mA) Yes; with 3RT2.2/3/4 positively driven operation according to IEC 60947-5-1 none incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions fastening method snap-on mounting 		0
 at 48 V at 60 V contact reliability of auxiliary contacts one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Ambient conditions ambient temperature during operation during storage 25 +60 °C during storage Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method one incorrect switching operation of 100 million switching operations (5 V, 1 mA) 	operational current of auxiliary contacts at DC-13	
● at 60 V contact reliability of auxiliary contacts 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 contact reliability of auxiliary contacts mA) Installation/ mounting/ dimensions fastening method one incorrect switching operation of 100 million switching operations (5 V, 1 mA) snap-on mounting one incorrect switching operation of 100 million switching operations (5 V, 1 mA) snap-on mounting	● at 24 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 • during operation • during storage -25 +60 °C • during storage Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 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	● at 48 V	0.3 A
Ambient conditions ambient temperature • during operation • during storage -25 +60 °C • during storage -55 +80 °C Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method mA)	● at 60 V	0.3 A
ambient temperature • during operation • during storage -25 +60 °C • during storage Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts product function • mirror contact according to IEC 60947-5-1 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	contact reliability of auxiliary contacts	
 during operation during storage -55 +80 °C Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts none incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions fastening method 	Ambient conditions	
 during storage -55 +80 °C Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method -55 +80 °C Yes; with 3RT2.2/3/4 No one incorrect switching operation of 100 million switching operations (5 V, 1 mA) 	ambient temperature	
Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method Yes; with 3RT2.2/3/4 No one incorrect switching operation of 100 million switching operations (5 V, 1 mA) Installation/ mounting/ dimensions	during operation	-25 +60 °C
product function	during storage	-55 +80 °C
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method Yes; with 3RT2.2/3/4 No one incorrect switching operation of 100 million switching operations (5 V, 1 mA) 	Safety related data	
 positively driven operation according to IEC 60947-5-1 contact reliability of auxiliary contacts Installation/ mounting/ dimensions fastening method No one incorrect switching operation of 100 million switching operations (5 V, 1 mA) 	product function	
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	 mirror contact according to IEC 60947-4-1 	Yes; with 3RT2.2/3/4
Installation/ mounting/ dimensions fastening method snap-on mounting	 positively driven operation according to IEC 60947-5-1 	No
fastening method snap-on mounting	contact reliability of auxiliary contacts	
	Installation/ mounting/ dimensions	
height 37.5 mm	fastening method	snap-on mounting
	height	37.5 mm
width 36 mm	width	36 mm

General Product Approval

EMC





Confirmation







Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping

Type Examination Certificate





Special Test Certificate Type Test Certificates/Test Report



Marine / Shipping













other

Railway

Environment

Confirmation



Type Test Certificates/Test Report Vibration and Shock

Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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=3RH2911-4NF11

Cax online generator

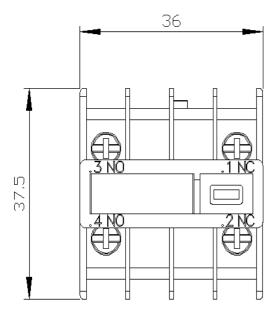
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4NF11

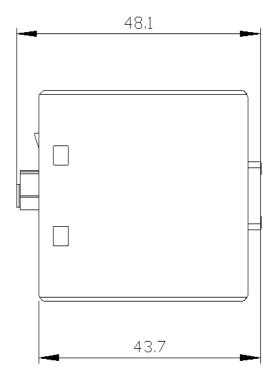
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

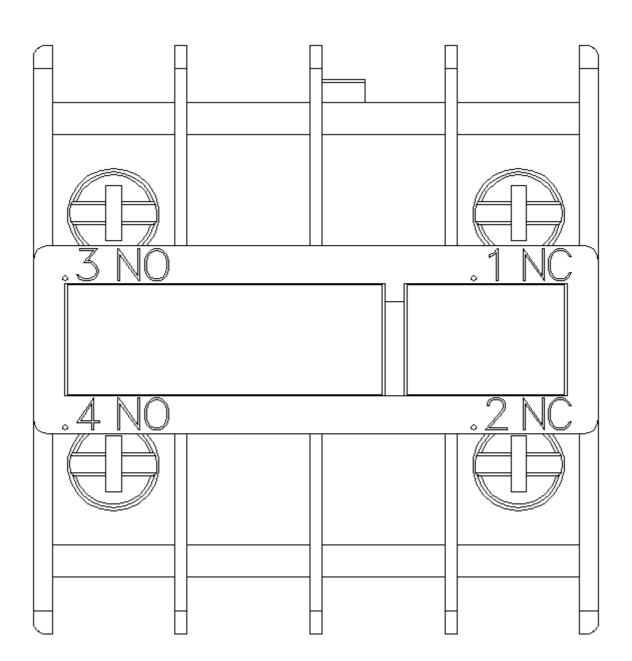
https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4NF11

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4NF11&lang=en

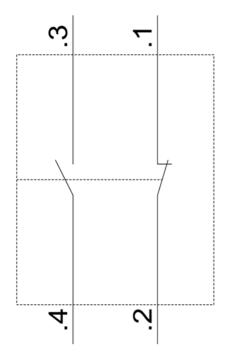


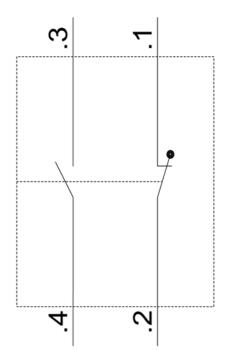




3RT2.1

3RT2.2/3/4





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