

Auxiliary switch on the front, 2 NO + 2 NC Current path 1 NC, 1 NO, 1 NO, 1 NC for 3RH and 3RT spring-type terminal .1/.2, .3/.4, .3/.4, .1/.2 2 NO conventional 2 NC

General technical data	
Product brand name	SIRIUS
Suitability for use	Contact relay and power contactor
Protection class IP on the front	IP20
Ambient temperature	
• during storage	-55 ... +80 °C
• during operation	-25 ... +60 °C
Mechanical service life (switching cycles) typical	5 000 000
Contact reliability	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
Contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
Insulation voltage with degree of pollution 3 rated value	690 V
Surge voltage resistance rated value	6 kV

Auxiliary circuit	
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
Operating current	
• of auxiliary contacts at DC-13	
— at 24 V	0.3 A
— at 60 V	0.3 A

Installation/ mounting/ dimensions	
Mounting type	snap-on mounting
Width	36 mm
Height	41.5 mm
Depth	47.7 mm

Connections/Terminals	
Type of electrical connection for auxiliary and control current circuit	spring-loaded terminals

Type of connectable conductor cross-sections	
• for auxiliary contacts — finely stranded — with core end processing — without core end processing • at AWG conductors for auxiliary contacts	2x (0.5 ... 1.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 14)

Safety related data

Product function Mirror contact acc. to IEC 60947-4-1	Yes
• Note	with 3RT2.2
Product function positively driven operation acc. to IEC 60947-5-1	No

Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC  CSA  UL  EAC  EG-Konf.		Type Test Certificates/Test Report

Test Certificates	Shipping Approval
Special Test Certificate  ABS  BUREAU VERITAS  LRS  PRS  RINA	

Shipping Approval	other	Railway
 RMRS	Confirmation  VDE	Vibration and Shock

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2911-2NF22>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF22>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NF22>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NF22&lang=en

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