



SOLID-STATE COMP. AUX. SW BL.FR 2NC,
 CURR.PATH: 1NC,--,1NC, F. CONT. RELAYS A.
 MOTOR CONT., 3RT2 SCREW TERMINAL .1 / .2,-- / --
 ,-- / --,1 / .2

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	°C	-55 ... +80
• during operation	°C	-25 ... +60
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	V	690
Surge voltage resistance rated value	kV	6

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• instantaneous contact		2
• lagging switching		0

Number of NO contacts for auxiliary contacts		
• instantaneous contact		0
• leading contact		0
Operating current		
• of auxiliary contacts at DC-13		
— at 24 V	A	0.3
— at 60 V	A	0.3

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	36
Height	mm	37.5
Depth	mm	43.7

Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit		screw-type terminals
Type of connectable conductor cross-sections		
• for auxiliary contacts		
— finely stranded		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
— with core end processing		
• at AWG conductors for auxiliary contacts		2x (20 ... 16), 2x (18 ... 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	 EG-Konf.	Typprüfbescheinigung/Werkszeugnis

Test Certificates	Shipping Approval				
spezielle Prüfbescheinigung <u>n</u>	 ABS	 BUREAU VERITAS	 DNV	 GL	 LRS

Shipping Approval	other	
 PRS	 RINA	 RMRS
	Umweltbestätigung	 VDE

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RH29111NF02>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH29111NF02>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RH29111NF02&lang=en

