



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

**General technical data:**

<b>product brand name</b>		SIRIUS
<b>Suitability for use</b>		Contact relay and power contactor
<b>Protection class IP on the front</b>		IP20
<b>Ambient temperature</b>		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +60
Mechanical service life (switching cycles) typical		5 000 000
<b>Contact reliability</b>		one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
<b>Contact reliability of the auxiliary contacts</b>		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:**

<b>Number of NC contacts for auxiliary contacts</b>		
• instantaneous contact		2
• lagging switching		0
<b>Number of NO contacts for auxiliary contacts</b>		
• instantaneous contact		0
• leading contact		0
<b>Operating current</b>		
• of the auxiliary contacts at DC-13 — at 24 V	A	0.3

— at 60 V

A	0.3
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**Installation/ mounting/ dimensions:**

<b>Mounting type</b>		snap-on mounting
<b>Width</b>	mm	36
<b>Height</b>	mm	41.5
<b>Depth</b>	mm	47.7

**Connections/ Terminals:**

Type of electrical connection for auxiliary and control current circuit		spring-loaded terminals
<b>Type of connectable conductor cross-section</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contacts             <ul style="list-style-type: none"> <li>— finely stranded                 <ul style="list-style-type: none"> <li>— with core end processing</li> <li>— without core end processing</li> </ul> </li> </ul> </li> <li>• for AWG conductors for auxiliary contacts</li> </ul>		2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 2.5 mm <sup>2</sup> ) 2x (20 ... 14)

**Safety related data:**

<b>Product function Mirror contact acc. to IEC 60947-4-1</b>		Yes
<ul style="list-style-type: none"> <li>• Note</li> </ul>		with 3RT2.2
<b>Product function positively driven operation acc. to IEC 60947-5-1</b>		No

**Certificates/ approvals:**

General Product Approval	Declaration of Conformity	Test Certificates
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[Type Test Certificates/Test Report](#)

Test Certificates	Shipping Approval
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[Special Test Certificate](#)



Shipping Approval	other
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[Environmental Confirmations](#)



## 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=3RH29112NF02>

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

<http://support.automation.siemens.com/WW/view/en/3RH29112NF02/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RH29112NF02&lang=en>



