

ELECTRONICS COMPAT. AUX. SWITCH DIN EN 50005, 1NO+1NC (ENCLOSED) A.1NO+1NC (NON-ENCLOSED) SIZE S0...S3



Figure similar

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		10 000 000
Contact reliability		one incorrect switching operation of 100 million switching operations (17 V, 5 mA)
Contact reliability of the auxiliary contacts		1 faulty switching per 100 million (17 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
Number of NO contacts for auxiliary contacts		
• instantaneous contact		2
Operating current		
• of the 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	44
Height	mm	38
Depth	mm	51

Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit		screw-type terminals
Type of connectable conductor cross-section <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded — with core end processing • for AWG conductors for auxiliary contacts 	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (20 ... 16), 2x (18 ... 14)	

Safety related data:

Product function Mirror contact acc. to IEC 60947-4-1 <ul style="list-style-type: none"> • Note 		Yes with 3RT1
Product function positively driven operation acc. to IEC 60947-5-1		No

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination](#)



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



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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=3RH19211FE22>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH19211FE22>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RH19211FE22&lang=en

