

ELECTRONIC AUXILIARY SWITCH DIN EN 50012
LATERAL, CAGE CLAMP CONN. 1NO + 1NC,
SEALED, SIZE S0...S3, 2.HS-BLOCK, NO. "6"

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	500
Surge voltage resistance Rated value	kV	6

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• instantaneous contact		1
Number of NO contacts for auxiliary contacts		
• instantaneous contact		1
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	10
Height	mm	72.5
Depth	mm	71

Connections/ Terminals:




Type of electrical connection for auxiliary and control current circuit		spring-loaded terminals
Type of connectable conductor cross-section		
<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded <ul style="list-style-type: none"> — with core end processing — without core end processing • for 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
<ul style="list-style-type: none"> • Note 		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
 CCC	 UL	 EG-Konf.
 CSA		Type Examination

Test Certificates	Shipping Approval	other
Special Test Certificate	 ABS	Environmental Confirmations
	 GL	
	 RMRS	

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&mlfb=3RH19212JE11>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<http://support.automation.siemens.com/WW/view/en/3RH19212JE11/all>

