

Auxiliary switch solid-state compatible EN 50012 lateral, spring-type terminal, 1 NO + 1 NC, encapsulated Size S3 ... S12, 2nd auxiliary switch block,



General technical data	
Product brand name	SIRIUS
Suitability for use	Contactor relay and power contactor
Protection class IP on the front	IP20
Ambient temperature - during storage - during operation	-55 ... +80 °C -25 ... +60 °C
Mechanical service life (switching cycles) typical	5 000 000
Contact reliability	one incorrect switching operation of 100 million switching operations (17 V, 5 mA)
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 rated value	500 V
Surge voltage resistance rated value	6 kV
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 auxiliary contacts at DC-13 — at 24 V — at 60 V	0.3 A 0.3 A

Installation/ mounting/ dimensions	
Mounting type	snap-on mounting
Width	10 mm
Height	72.5 mm
Depth	71 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 mm²) 2x (0.5 ... 2.5 mm²) 2x (20 ... 14)

Safety related data	
Product function Mirror contact acc. to IEC 60947-4-1 • 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
				
CCC	CSA	UL		EG-Konf.
			Type Examination Certificate	

Test Certificates	Shipping Approval	other	Railway
Special Test Certificate	 ABS	 RMRS	Confirmation 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=3RH1921-2JE11>

Cax online generator

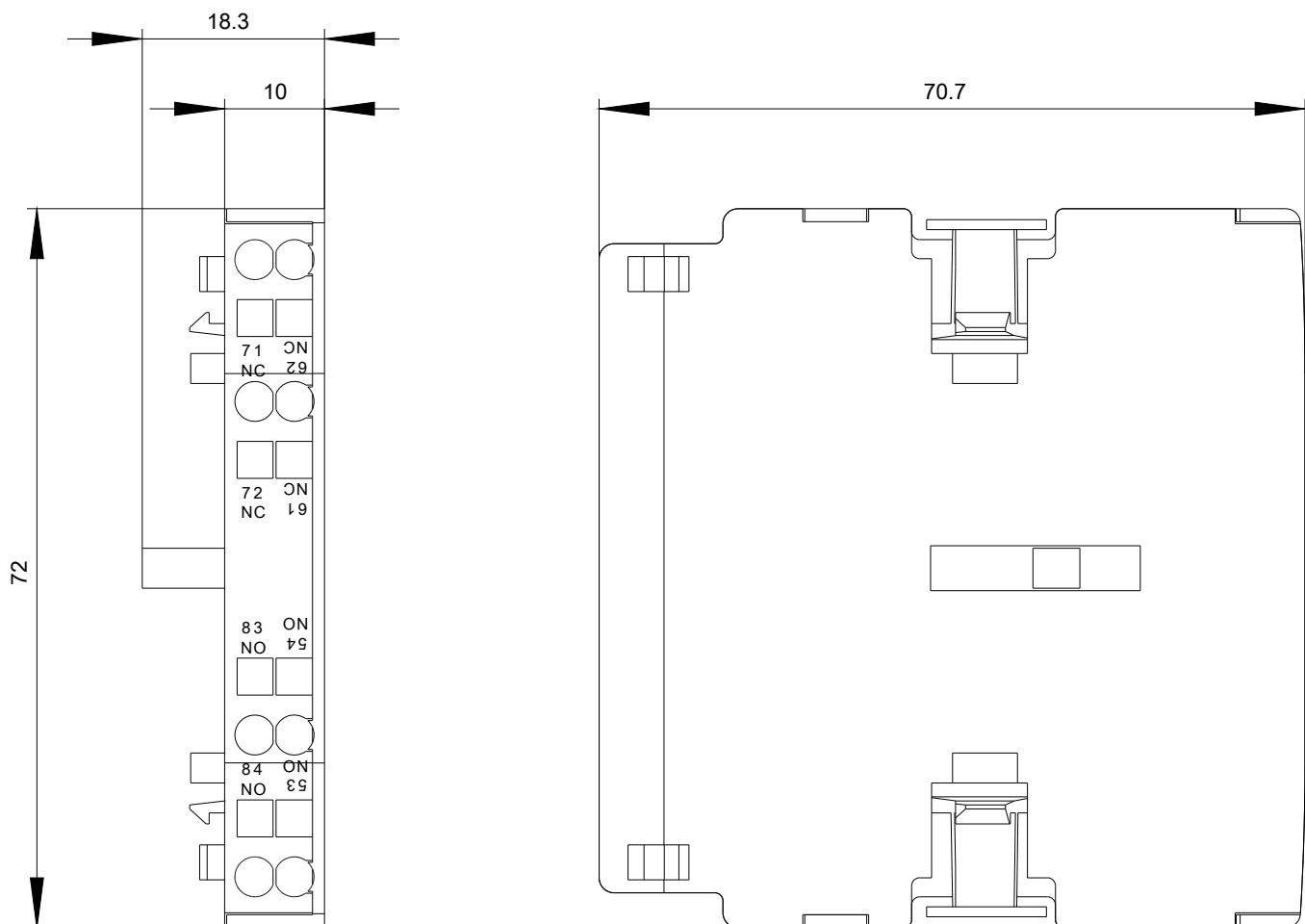
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-2JE11>

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

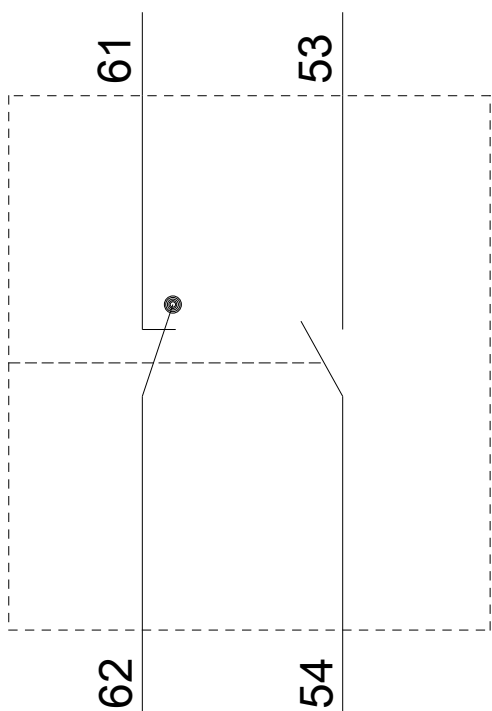
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-2JE11>

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

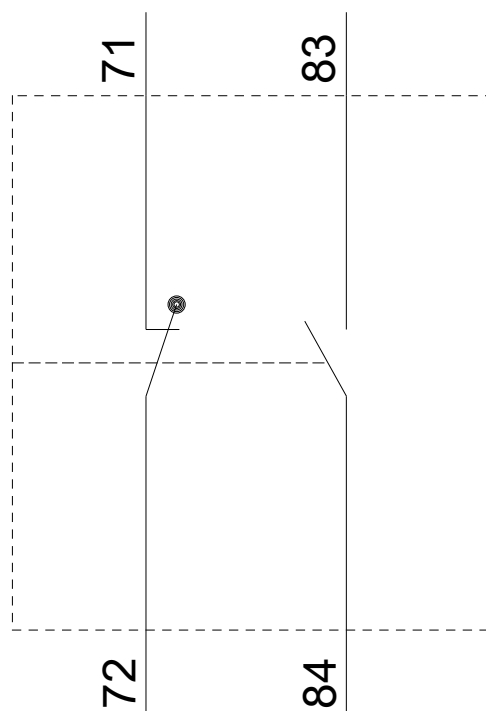
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Links



Rechts



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