

AUX. switch block , 1 NO + 1 NC, EN 50005, lateral, 10 mm, screw terminal, Size S0...S12 for motor contactor, 2-pole 1. lateral auxiliary switch

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	-55 ... +80 °C
• during operation	-25 ... +60 °C
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
insulation voltage with degree of pollution 3 at AC 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
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
• maximum	10 A
operational current	
• of auxiliary contacts	
— at AC-14	
— at 125 V	6 A
— at 250 V	6 A
— at AC-15	
— at 24 V	6 A
— at 230 V	6 A
— at 400 V	3 A
• of auxiliary contacts at DC-12	
— at 24 V	10 A
— at 110 V	3 A
— at 220 V	1 A
• with 2 current paths in series at DC-12	
— at 24 V rated value	10 A
— at 60 V rated value	10 A
— at 110 V rated value	4 A
— at 220 V rated value	2 A
— at 440 V rated value	1.3 A
• with 3 current paths in series at DC-12	
— at 24 V rated value	10 A
— at 60 V rated value	10 A
— at 110 V rated value	10 A
— at 220 V rated value	3.6 A
— at 440 V rated value	2.5 A

<b>operational current</b>	
• of auxiliary contacts at DC-13	
— at 24 V	6 A
— at 60 V	2 A
— at 110 V	1 A
— at 220 V	0.3 A
• with 2 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	3.5 A
— at 110 V rated value	1.3 A
— at 220 V rated value	0.9 A
— at 440 V rated value	0.2 A
• with 3 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	4.7 A
— at 110 V rated value	3 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.5 A

<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	snap-on mounting
<b>width</b>	10 mm
<b>height</b>	80 mm
<b>depth</b>	71 mm

<b>Connections/ Terminals</b>	
<b>type of electrical connection for auxiliary and control circuit</b>	screw-type terminals
<b>type of connectable conductor cross-sections</b>	
• for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
• at AWG cables for auxiliary contacts	2x (20 ... 16), 2x (18 ... 14)

<b>Safety related data</b>	
<b>product function mirror contact acc. to IEC 60947-4-1</b>	Yes
<b>product function positively driven operation acc. to IEC 60947-5-1</b>	No

<b>Certificates/ approvals</b>	
<b>General Product Approval</b>	other



[Confirmation](#)

<b>Further information</b>	
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b>	
<a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>	
<b>Industry Mall (Online ordering system)</b>	
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH5921-1EA11">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH5921-1EA11</a>	
<b>Cax online generator</b>	
<a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3RH5921-1EA11">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3RH5921-1EA11</a>	
<b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b>	
<a href="https://support.industry.siemens.com/cs/ww/en/ps/3RH5921-1EA11">https://support.industry.siemens.com/cs/ww/en/ps/3RH5921-1EA11</a>	
<b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b>	
<a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH5921-1EA11&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH5921-1EA11&amp;lang=en</a>	

last modified:

12/21/2020