

Product data sheet 3RH2911-1DA02

LATERAL AUX. SWITCH BLOCK, 2NC FOR MOTOR CONTACTORS SZ S00, SCREW TERMINAL

General technical data:			
Product brand name		SIRIUS	
Product designation		auxiliary switch first can be mounted on the side	
Acceptability for application		Contactor relay and power contactor	
Size of the contactor		S00	
Protection class IP / frontal/front side		IP20	
Ambient temperature			
during storage	°C	-55 80	
during the operating phase	°C	-25 60	
Mechanical operating cycles as operating time			
• typical		10,000,000	
Electrical operating cycles as operating time / at AC-15 / at 230 V			
• typical		200,000	
Contact reliability		one incorrect switching operation of 100 million switching operations (17 V, 5 mA)	
Contact reliability / of the auxiliary contacts		one incorrect switching operation of 100 million switching operations (17 V, 5 mA)	
Insulation voltage / with degree of pollution 3			
• rated value	V	690	
Impulse voltage resistance			
• rated value	kV	6	
Auxiliary circuit:			
Number of NC contacts / for auxiliary contacts			
• instantaneous switching		2	
• lagging switching		0	
Number of NO contacts / for auxiliary contact			
• instantaneous switching		0	
leading switching		0	
Number of changeover contacts / of the auxiliary contacts			
• non-delayed		0	
Operating current / of the auxiliary contacts			

• at 24 V • at 230 V • at 400 V • at 4690 V • at 690 V • maximum • at AC-14 • at 125 V • at 250 V • at 230 V • at 24 V • at 250 V • at 250 V • at 400 V • at 48 V • at 60 V • at 110 V • at 125 V • at 220 V • at 220 V • at 220 V • at 220 V • at 250 V • at 250 V • at 220 V • at 250 V • at 220 V • at 250 V • at 250 V • at 250 V • at 250 V	• at AC-12		
• at 400 V • at 690 V • at 690 V • maximum  • at AC-14 • at 125 V • at 250 V  • at AC-15 • at 24 V • at 690 V • at 690 V • at 400 V • at 400 V  • at 400 V • at 60 V • at 125 V • at 220 V • at 220 V	• at 24 V	Α	10
• at 690 V • maximum  • at AC-14 • at 125 V • at 250 V  • at AC-15 • at 24 V • at 230 V • at 690 V • at 400 V • at 400 V  • at 400 V  • at 48 V • at 60 V • at 110 V • at 125 V • A • 0.9 • at 220 V  A  0  0  0  0  0  0  0  0  0  0  0  0	• at 230 V	Α	10
• maximum  • at AC-14  • at 125 V  • at 250 V  • at 250 V  • at 24 V  • at 230 V  • at 690 V  • at 400 V  • at 400 V  • at 40 V  • at 24 V  • at 25 V  A  A  A  B  A  B  A  B  A  B  A  B  B	• at 400 V	Α	10
• at AC-14 • at 125 V • at 250 V • at AC-15 • at 24 V • at 690 V • at 690 V • at 400 V • at 400 V • at 24 V • at 25 V • at 30 V • at 400 V • at 400 V • at 400 V • at 25 V • at 60 V • at 40 V • at 20 V • at 40 V • at 20 V	• at 690 V	Α	0
• at 125 V • at 250 V A 6 • at 250 V A 6 • at 24 V A 6 • at 230 V A 6 • at 690 V A 1 • at 400 V A 3 • at DC-13 • at 24 V A A 10 • at 48 V A 2 • at 60 V A 2 • at 110 V A 1 • at 125 V A 0.9 • at 220 V A 0.3	• maximum	Α	10
• at 250 V  • at AC-15  • at 24 V  • at 230 V  • at 690 V  • at 400 V  • at 400 V  • at 400 V  • at DC-13  • at 24 V  • at 60 V  • at 60 V  • at 60 V  • at 60 V  • at 110 V  • at 125 V  • at 220 V  A  6  6  A  6  A  6  A  6  A  6  A  6  A  6  A  A	• at AC-14		
• at AC-15 • at 24 V • at 230 V • at 690 V • at 400 V • at 400 V • at DC-13 • at 24 V • at 60 V • at 110 V • at 125 V • at 220 V • A • A • A • A • A • A • A • A • A • A	• at 125 V	Α	6
<ul> <li>at 24 V</li> <li>at 230 V</li> <li>A 6</li> <li>at 690 V</li> <li>A 1</li> <li>at 400 V</li> <li>A 3</li> <li>at DC-13</li> <li>at 24 V</li> <li>A 10</li> <li>at 48 V</li> <li>A 2</li> <li>at 60 V</li> <li>A 2</li> <li>at 110 V</li> <li>A 1</li> <li>at 125 V</li> <li>A 0.9</li> <li>at 220 V</li> <li>A 0.3</li> </ul>	• at 250 V	Α	6
• at 230 V • at 690 V • at 400 V • at DC-13 • at 24 V • at 48 V • at 60 V • at 110 V • at 125 V • at 220 V  A  6  A  6  A  1  A  1  A  3  A  10  A  2  A  1  A  2  A  1  A  1  A  2  A  1  A  A	• at AC-15		
• at 690 V • at 400 V • at DC-13 • at 24 V • at 48 V • at 60 V • at 110 V • at 125 V • at 220 V  A  1  A  1  A  1  A  3  A  1  A  4  A  4  A  4  A  A  A  A  A  A  A	• at 24 V	Α	6
• at 400 V  • at DC-13  • at 24 V  • at 48 V  • at 60 V  • at 110 V  • at 125 V  • at 220 V  A  3  A  10  A  2  A  1  A  1  A  0.9  A  0.3	• at 230 V	Α	6
• at DC-13  • at 24 V  • at 48 V  • at 60 V  • at 110 V  • at 125 V  • at 220 V  A  0.3	• at 690 V	Α	1
<ul> <li>at 24 V</li> <li>at 48 V</li> <li>at 60 V</li> <li>at 110 V</li> <li>at 125 V</li> <li>at 220 V</li> <li>A 0.9</li> <li>A 0.3</li> </ul>	• at 400 V	Α	3
<ul> <li>at 48 V</li> <li>at 60 V</li> <li>at 110 V</li> <li>at 125 V</li> <li>at 220 V</li> <li>A 0.9</li> <li>A 0.3</li> </ul>	• at DC-13		
<ul> <li>at 60 V</li> <li>at 110 V</li> <li>at 125 V</li> <li>at 220 V</li> <li>A 0.9</li> <li>A 0.3</li> </ul>	• at 24 V	Α	10
• at 110 V  • at 125 V  • at 220 V  A  1  A  0.9  A  0.3	• at 48 V	Α	2
• at 125 V A 0.9 • at 220 V A 0.3	• at 60 V	Α	2
• at 220 V A 0.3	• at 110 V	Α	1
	• at 125 V	Α	0.9
• at 250 V A 0.3	• at 220 V	Α	0.3
	• at 250 V	Α	0.3

Installation/mounting/dimensions:			
Type of fixing/fixation		snap-on mounting	
Width	mm	10	
Height	mm	57.4	
Depth	mm	66	

design of the electrical connection	
• for auxiliary and control current circuit screw-type terminals	
Type of connectable conductor cross section	
• for auxiliary contact	
• solid 2x (0.5 1.5 mm2), 2x (0.75 2.5 mm	2)
• stranded wire	
• with wire end processing 2x (0.5 1.5 mm2), 2x (0.75 2.5 mm	2)
• for AWG conductors / for auxiliary contacts 2x (20 16), 2x (18 14)	

Certificates/approvals:	
verification of suitability	CE / UL / CSA / CCC

## Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Global Industry Mall (Online ordering system)

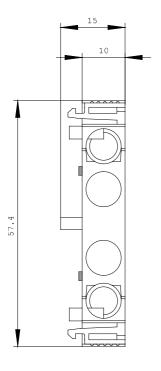
http://www.siemens.com/industrial-controls/mall

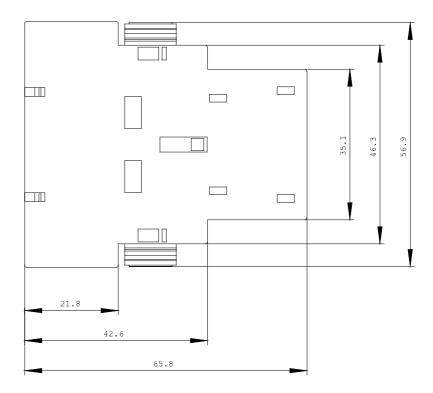
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

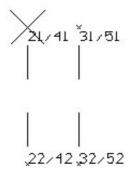
http://support.automation.siemens.com/WW/view/en/3RH2911-1DA02/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3RH2911-1DA02







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