SIEMENS

Product data sheet

AUX. SWITCH BLOCK , 3NC COND. PATHS: 1NC, 1NC, 1NC, F. CONT. RELAYS A. MOTOR CONT. SZ S00 AND S0,

General technical data:		
Product brand name		SIRIUS
Product designation		auxiliary switch can be snapped onto the front side
Acceptability for application	-	Contactor relay and power contactor
Size of the contactor		\$00
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		3
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 AC-12 バー・ロー・ロー・ロー・ロー・ロー・ロー・ロー・ロー・ロー・ロー・ロー・ロー・ロー			
• at 230 VA6• at 400 VA6• at 690 VA6• maximumA6• at AC-14• at 125 VA6• at 250 VA6• at 24 VA6• at 230 VA6• at 230 VA10• at 400 VA10• at 400 VA10• at 400 VA2• at 400 VA10• at 400 VA10• at 400 VA10• at 60 VA2• at 60 VA2• at 60 VA1• at 10 VA1• at 10 VA1	• at AC-12		
· at 400 VA6· at 690 VA6· maximumA6· at AC-14· at 125 VA6· at 250 VA6· at 24 VA6· at 230 VA6· at 230 VA6· at 400 VA1· at 400 VA3· at 24 VA10· at 400 VA10· at 400 VA10· at 24 VA10· at 400 VA2· at 25 VA10· at 24 VA10· at 25 VA2· at 26 VA2· at 27 VA3· at 28 VA10· at 48 VA2· at 60 VA2· at 110 VA1· at 125 VA0.9	• at 24 V	А	6
· at 690 VA6· maximumAA· at AC-14· at 125 VA6· at 250 VA6· at 24 VA6· at 230 VA6· at 690 VA6· at 600 VA1· at 400 VA1· at 24 VA1· at 600 VA1· at 400 VA3· at 00 VA10· at 25 VA10· at 24 VA2· at 24 VA2· at 60 VA2· at 60 VA10· at 60 VA2· at 60 VA2· at 10 VA1· at 10 VA1· at 10 VA1· at 10 VA1· at 110 VA0· at 125 VA0	• at 230 V	А	6
• maximum A 6 • at AC-14 - - • at 125 V A 6 • at 250 V A 6 • at 250 V A 6 • at 250 V A 6 • at 24 V A 6 • at 230 V A 6 • at 690 V A 6 • at 400 V A 6 • at 400 V A 3 • at 42V V A 6 • at 400 V A 10 • at 400 V A 2 • at 400 V A 3 • at 400 V A 10 • at 400 V A 2 • at 400 V A 2 • at 400 V A 10 • at 48 V A 2 • at 60 V A 2 • at 60 V A 1 • at 10 V A 3 • at 110 V A 3	• at 400 V	А	6
• at AC-14 A B • at 125 V A B • at 250 V A B • at 250 V A B • at AC-15 - - • at 24 V A G • at 230 V A G • at 230 V A G • at 490 V A G • at 400 V A G • at 60 V A <t< td=""><td>• at 690 V</td><td>А</td><td>6</td></t<>	• at 690 V	А	6
• at 125 VA6• at 250 VA6• at 250 VA6• at 24 VA6• at 230 VA6• at 690 VA1• at 400 VA3• at 400 VA3• at 400 VA3• at 400 VA10• at 400 VA10• at 400 VA2• at 24 VA2• at 48 VA2• at 60 VA10• at 60 VA2• at 10 VA1	• maximum	А	6
• at 250 V A 6 • at AC-15 A 6 • at 24 V A 6 • at 230 V A 6 • at 230 V A 6 • at 690 V A 1 • at 600 V A 3 • at 400 V A 3 • at 400 V A 10 • at 24 V A 10 • at 24 V A 2 • at 60 V A 2 • at 60 V A 1 • at 60 V A 2 • at 60 V A 1	• at AC-14		
• at AC-15Image: set of the se	• at 125 V	А	6
• at 24 VA6• at 230 VAA• at 690 VA1• at 400 VA3• at 400 VA3• at 24 VA10• at 24 VA2• at 60 VA2• at 10 VA10• at 10 VA10	• at 250 V	А	6
・at 230 V A 6 ・at 690 V A 1 ・at 400 V A 3 ・at 400 V A 3 ・at 400 V A 10 ・at 24 V A 10 ・at 48 V A 2 ・at 60 V A 2 ・at 60 V A 10 ・at 60 V A 2 ・at 110 V A 1 ・at 125 V A 0.9	• at AC-15		
・ at 690 V A 1 ・ at 400 V A 3 • at DC-13 - - • at 24 V A 10 • at 48 V A 2 • at 60 V A 2 • at 60 V A 1 • at 60 V A 2 • at 60 V A 2 • at 110 V A 1 • at 125 V A 0.9	• at 24 V	А	6
• at 400 V A 3 • at DC-13 - - • at 24 V A 10 • at 48 V A 2 • at 60 V A 2 • at 110 V A 10 • at 125 V A 0.9	• at 230 V	А	6
・at DC-13 I ・at 24 V A 10 ・at 48 V A 2 ・at 60 V A 2 ・at 110 V A 1 ・at 125 V A 0.9	• at 690 V	А	1
• at 24 V A 10 • at 48 V A 2 • at 60 V A 2 • at 110 V A 1 • at 125 V A 0.9	• at 400 V	А	3
• at 48 V A 2 • at 60 V A 2 • at 110 V A 1 • at 125 V A 0.9	• at DC-13		
• at 60 V A 2 • at 110 V A 1 • at 125 V A 0.9	• at 24 V	А	10
• at 110 V A 1 • at 125 V A 0.9	• at 48 V	А	2
• at 125 V A 0.9	• at 60 V	А	2
	• at 110 V	А	1
• at 220 V A 0.3	• at 125 V	А	0.9
	• at 220 V	А	0.3
• at 250 V A 0.3	• at 250 V	А	0.3

Installation/mounting/dimensions:

Type of fixing/fixation		snap-on mounting
Width	mm	36
Height	mm	37.5
Depth	mm	43.7

Connections:	
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 mm2)
stranded wire	
with wire end processing	2x (0.5 1.5 mm2), 2x (0.75 2.5 mm2)
 for AWG conductors / for auxiliary contacts 	2x (20 16), 2x (18 14)
Certificates/approvals:	

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

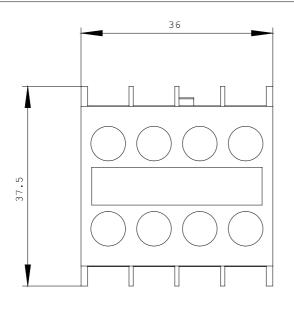
http://www.siemens.com/industrial-controls/catalogs

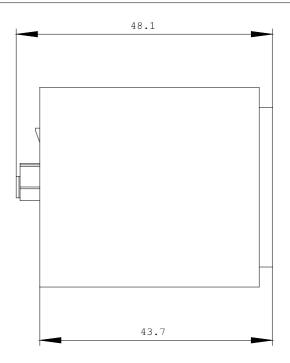
Global Industry Mall (Online ordering system) http://www.siemens.com/industrial-controls/mall

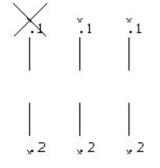
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3RH2911-1HA03/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1HA03







last change:

May 4, 2010