SIEMENS

Product data sheet 3RH2911-1FA04



AUX. SWITCH BLOCK ,
4NC COND. PATHS: 1NC, 1NC, 1NC,
1NC F. CONT. RELAYS A. MOTOR CONT. SZ S00 AND
S0,
SCREW TERMINAL DIN EN 50005

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		S00		
Protection class IP / on the front		IP20		
Ambient temperature				
during storage	°C	-55 80		
during operating phase	°C	-25 60		
Mechanical operating cycles as operating time				
• typical		10000000		
Electrical operating cycles as operating time / at AC-15 / at 230 V				
• typical		200000		
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		4
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		0
• leading switching		0
Number of changeover contacts / of the auxiliary contacts		
• instantaneous switching		0
Operating current / of the auxiliary contacts		
• at AC-12		
• at 24 V	Α	6
• at 230 V	Α	6
• at 400 V	Α	6
• at 690 V	Α	6
• maximum	Α	6
• at AC-14		
• at 125 V	Α	6
• at 250 V	Α	6
• at AC-15		
• at 24 V	Α	6
• at 230 V	Α	6
• at 690 V	Α	1
• at 400 V	Α	3
• at DC-13		
• at 24 V	Α	10
• at 48 V	Α	2
• at 60 V	Α	2
• at 110 V	Α	1
• at 125 V	Α	0.9
• at 220 V	Α	0.3
• at 250 V	Α	0.3

Installation/mounting/dimensions:				
Type of mounting		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 the connectable conductor cross-section				
• for auxiliary contacts				
• solid	2x (0.5 1.5 mm2), 2x (0.75 2.5 mm2)			
• finely stranded				
 with conductor 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:	
Verification of suitability	CE / UL / CSA / CCC

Further information:

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

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

Industry Mall (Online ordering system)

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

CAx-Online-Generator

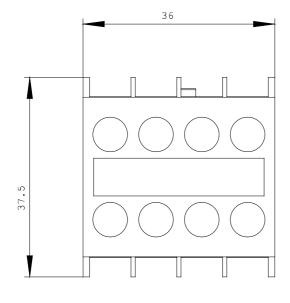
http://www.siemens.com/cax

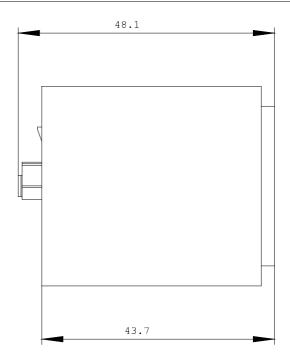
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3RH2911-1FA04/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH2911-1FA04}}$





last change: Oct 25, 2010