

Reference: 3RH2911-1FA22

AUX.SWITCH BLOCK,FRONT,2NO+2NC, CURR.PATH: 1NO, 1NC, 1NC, 1NO, F. CONT.
RELAYS A. MOTOR CONT., 3RT2 SCREW TERMINAL .3 / .4,.1 / .2,.1 / .2,.3 / .4

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General technical data:	
product brand name	SIRIUS
Suitability for use	Contact relay and power contactor
Protection class IP on the front	IP20
Ambient temperature	
during storage	°C -55 ... +80
during operation	°C -25 ... +60
Mechanical service life (switching cycles) typical	10 000 000
Electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
Contact reliability	one incorrect switching operation of 100 million switching operations (17 V, 1 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	V 690
Surge voltage resistance rated value	kV 6
Auxiliary circuit:	
Number of NC contacts for auxiliary contacts	
instantaneous contact	2
lagging switching	0
Number of NO contacts for auxiliary contacts	
instantaneous contact	2
leading contact	0
Operating current of auxiliary contacts at AC-12	
at 24 V	A 10
at 230 V	A 10
maximum	A 10
Operating current	
of auxiliary contacts	

— at AC-14		
— at 125 V	A	6
— at 250 V	A	6
— at AC-15		
— at 24 V	A	6
— at 230 V	A	6
— at 400 V	A	3
at AC-15 at 690 V rated value	A	1
Operating current		
with 2 current paths in series at DC-12		
— at 24 V rated value	A	10
— at 60 V rated value	A	10
— at 110 V rated value	A	4
— at 220 V rated value	A	2
— at 440 V rated value	A	1.3
— at 600 V rated value	A	0.65
with 3 current paths in series at DC-12		
— at 24 V rated value	A	10
— at 60 V rated value	A	10
— at 110 V rated value	A	10
— at 220 V rated value	A	3.6
— at 440 V rated value	A	2.5
— at 600 V rated value	A	1.8
Operating current		
of auxiliary contacts at DC-13		
— at 24 V	A	6
— at 60 V	A	2
— at 110 V	A	1
— at 220 V	A	0.3
with 2 current paths in series at DC-13		
— at 24 V rated value	A	10
— at 60 V rated value	A	3.5
— at 110 V rated value	A	1.3
— at 220 V rated value	A	0.9
— at 440 V rated value	A	0.2
— at 600 V rated value	A	0.1
with 3 current paths in series at DC-13		
— at 24 V rated value	A	10

— at 60 V rated value	A	4.7
— at 110 V rated value	A	3
— at 220 V rated value	A	1.2
— at 440 V rated value	A	0.5
— at 600 V rated value	A	0.26
Installation/ mounting/ dimensions:		
Mounting type	snap-on mounting	
Width	mm	36
Height	mm	37.5
Depth	mm	43.7
Connections/ Terminals:		
Type of electrical connection for auxiliary and control current circuit	screw-type terminals	
Type of connectable conductor cross-sections		
for auxiliary contacts		
— finely stranded		
— with core end processing	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)	
at AWG conductors for auxiliary contacts	2x (20 ... 16), 2x (18 ... 14)	
Safety related data:		
Product function Mirror contact acc. to IEC 60947-4-1	Yes	
Note	with 3RT2	
Product function positively driven operation acc. to IEC 60947-5-1	Yes	
Note	with 3RH2	
Certificates/ approvals:		
General Product Approval	Declaration of Conformity	Test Certificates
		Typprüfbescheinigung/ Werkszeugnis
Test Certificates	Shipping Approval	
spezielle Prüfbescheinigungen		
Shipping Approval	other	
	Umweltbestätigung	Bestätigungen