

Reference: 3RH2921-1DA11

LATERAL AUX.SWITCH BLOCK,SIDE, 1NO  
+1NC, CURR.PATH: 1NC, 1NO, FOR  
MOTOR CONTACTORS, SZ S0 AND S2  
SCREW TERMINAL R: 31/32, 43/44 L:  
51/52, 63/64

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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	°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	1
lagging switching	0
Number of NO contacts for auxiliary contacts	
instantaneous contact	1

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	
Witd>	mm	10
Height	mm	57.4
Depth	mm	66
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 <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )	
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	No	
Certificates/ approvals:		
General Product Approval	Declaration of Conformity	Test Certificates
		Typprüfbescheinigung/ Werkszeugnis
Test Certificates	Shipping Approval	
spezielle Prüfbescheinigungen		
Shipping Approval	other	
	Umweltbestätigung	Bestätigungen

