

Reference: 3RH1911-1FA22

AUXILIARY SWITCH BLOCK, 22, 2NO
+2NC, DIN EN50005, SCREW
CONNECTION, F. CONTACTOR RELAYS A.
CONTACT. FOR SWITCHING MOTORS,
SIZE S00

[Buy it at Electric Automation Network](#)



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, 5 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	
Number of NO contacts for auxiliary contacts		
instantaneous contact	2	
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	36.5
Height	mm	37.5
Depth	mm	41.5
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 mm²), 2x (0.75 ... 2.5 mm²)	
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 3RT1	
Product function positively driven operation acc. to IEC 60947-5-1	Yes	
Note	with 3RH1	
Certificates/ approvals:		
General Product Approval		Functional Safety/Safety of Machinery
		Declaration of Conformity
Baumusterbescheinigung		
Test Certificates	Shipping Approval	
spezielle Prüfbescheinigungen		
Shipping Approval	other	
	sonstig	Umweltbestätigung Bestätigungen

