SIEMENS



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

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)								
mith 3 current paths in series at DC-13 - at 24 V rated value	— at 220 V rated value			А	0.9			
with 3 current paths in series at DC-13 — at 24 V rated value — at 60 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 220 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 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 — mm — 37.5 — pepth — mm — 41.5 Connections/ Terminals: Type of electrical connection for auxillary and control current circuit Type of connectable conductor cross-sections for auxillary contacts — finely stranded — with core end processing at AWG conductors for auxillary contacts 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) at AWG conductors for auxillary contacts 2x (20 16), 2x (18 14) Yes Note — with 3RT1 Yes Note — with 3RH1 Certificates/ approval Functional Safety/Safety of Machinery — defaration of Conformity Baumusterbescheinigung Test Certificates — Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	— at 440 V rated value			А	0.2			
— 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 0.5 — at 600 V rated value A 0.5 — at 600 V rated value A 0.26 Installation/ mounting/ dimensions: Mounting type Snap-on mounting Witd> Snap-on mounting Witd> Imm 37.5 Depth Imm 41.5 Connections/ Terminals: Type of electrical connection for auxiliary and control current circuit Type of connectable conductor cross-sections for auxiliary contacts — finely stranded — with core end processing 2x (20.5 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 3RH1 Certificates/ approvals: General Product Approval Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	— at 600 V rated value			А	0.1			
— 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 at AWG conductors for auxiliary contacts 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) at AWG conductors for auxiliary contacts Product function Mirror contact acc. to IEC 60947-4-1 Note with 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery of Conformity Baumusterbescheinigungen Shipping Approval other	with 3 current paths in s	eries at D	C-13					
— 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> 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 With 3RT1 Product function positively driven operation acc. to IEC with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery of Machinery Functional Safety/Safety portions of Conformity Baumusterbescheinigungen Shipping Approval other	— at 24 V rated value			А	10			
— at 220 V rated value A 0.5 — 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> 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 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 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery of Conformity Baumusterbescheinigung Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	— at 60 V rated value			А	4.7			
— 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 With 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Declaration of Conformity Baumusterbescheinigung Test Certificates Shipping Approval Shipping Approval other	— at 110 V rated value			А	3			
— 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 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 Note with 3RH1 Certificates/ approvals: General Product Approval Purchase Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	— at 220 V rated value			А	1.2			
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 Type of connectable conductor cross-sections for auxiliary contacts — finely stranded — with core end processing at AWG conductors for auxiliary contacts Safety related data: Product function Mirror contact acc. to IEC 60947-4-1 Note With 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note With 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Declaration of Conformity Baumusterbescheinigung Test Certificates Shipping Approval other	— at 440 V rated value			А	0.5			
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 Type of connectable conductor cross-sections for auxiliary contacts — finely stranded — with core end processing at AWG conductors for auxiliary contacts Product function Mirror contact acc. to IEC 60947-4-1 Note With 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note With 3RH1 Certificates/ approvals: General Product Approval Test Certificates Shipping Approval Shipping Approval Shipping Approval Shipping Approval Shipping Approval Occurrent of Machinery Test Certificates Shipping Approval Shipping Approval Occurrent of Machinery Shipping Approval Shipping Approval Occurrent of Machinery Declaration of Conformity Baumusterbescheinigung Test Certificates Shipping Approval Other	— at 600 V rated value			А	0.26			
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 with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Declaration of Conformity Baumusterbescheinigung Test Certificates Shipping Approval spezielle Profrbescheinigungen Shipping Approval other	Installation/ mounting/ o	dimensions	s:					
Height mm 37.5 Depth mm 41.5 Connections/ Terminals: Type of electrical connection for auxiliary and control current circuit 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 with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Declaration of Conformity Baumusterbescheinigung Test Certificates Shipping Approval Spipping Approval other	Mounting type				snap-on mounting			
Depth mm 41.5 Connections/ Terminals: Type of electrical connection for auxiliary and control current circuit 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 Note with 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note with 3RH1 Certificates/ approvals: General Product Approval Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	Witd>			mm	36.5			
Connections/ Terminals: Type of electrical connection for auxiliary and control current circuit Type of connectable conductor cross-sections for auxiliary contacts — finely stranded — with core end processing at AWG conductors for auxiliary contacts 2x (20 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 Note with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Conformity Baumusterbescheinigung Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	Height			mm	37.5			
Type of electrical connection for auxiliary and control current circuit Type of connectable conductor cross-sections for auxiliary contacts — finely stranded — with core end processing at AWG conductors for auxiliary contacts Safety related data: Product function Mirror contact acc. to IEC 60947-4-1 Product function positively driven operation acc. to IEC 60947-5-1 Note With 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 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	Depth	Depth			41.5			
current circuit Type of connectable conductor cross-sections for auxiliary contacts — finely stranded — with core end processing at AWG conductors for auxiliary contacts 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 Note with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery for Machinery Test Certificates Shipping Approval Spezielle Prüfbescheinigungen Shipping Approval other	Connections/ Terminals:							
for auxiliary contacts — finely stranded — with core end processing at AWG conductors for auxiliary contacts Safety related data: Product function Mirror contact acc. to IEC 60947-4-1 Product function positively driven operation acc. to IEC 60947-5-1 Note with 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note with 3RH1 Certificates/ approvals: General Product Approval Test Certificates Shipping Approval Shipping Approval Shipping Approval Other	Type of electrical connection for auxiliary and control current circuit				screw-type terminals			
— 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 Note With 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Declaration of Conformity Baumusterbescheinigung Test Certificates Shipping Approval Shipping Approval Other	Type of connectable con	ductor cro	ss-sections					
— 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 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	for auxiliary contacts							
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 Note With 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note With 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Functional Safety/Safety of Machinery Test Certificates Shipping Approval Spezielle Prüfbescheinigungen Shipping Approval Other	— finely stranded							
Safety related data: Product function Mirror contact acc. to IEC 60947-4-1 Note With 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note With 3RH1 Certificates/ approvals: General Product Approval General Product Approval Test Certificates Shipping Approval Shipping Approval Other	— with core end processing				2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
Product function Mirror contact acc. to IEC 60947-4-1 Note With 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note With 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Functional Safety/Safety of Machinery Test Certificates Shipping Approval Spezielle Prüfbescheinigungen Shipping Approval Other	at AWG conductors for auxiliary contacts				2x (20 16), 2x (18 14)			
Note with 3RT1 Product function positively driven operation acc. to IEC 60947-5-1 Note with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery of Machinery Baumusterbescheinigung Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	Safety related data:							
Product function positively driven operation acc. to IEC 60947-5-1 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	Product function Mirror	contact acc	c. to IEC 60947-4-1		Yes			
Note with 3RH1 Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Functional Safety/Safety of Conformity Baumusterbescheinigung Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	Note				with 3RT1			
Certificates/ approvals: General Product Approval Functional Safety/Safety of Machinery Baumusterbescheinigung Test Certificates Shipping Approval Spezielle Prüfbescheinigungen Shipping Approval other	· ·	ely driven	operation acc. to IEC		Yes			
General Product Approval Functional Safety/Safety of Machinery Baumusterbescheinigung Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	Note				with 3RH1			
General Product Approval Functional Safety/Safety of Of Machinery Baumusterbescheinigung Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	Certificates/ approvals:							
Test Certificates Shipping Approval spezielle Prüfbescheinigungen Shipping Approval other	General Product Approval			Functional Safety/Safety of Machinery				
spezielle Prüfbescheinigungen Shipping Approval other					Baumusterbescheinigung			
Prüfbescheinigungen Shipping Approval other	Test Certificates	Shipping	g Approval					
sonstig Umweltbestätigung Bestätigungen	Shipping Approval	other						
		sonstig	Umweltbestätigung	Bestätigun	gen			