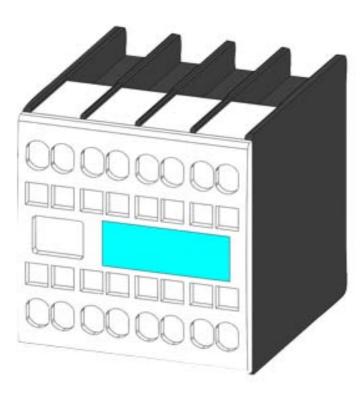
## **SIEMENS**

## Data sheet

## 3RH1911-2FA22



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

product brond name		SIRIUS
product brand name		
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 the 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
uxiliary circuit:		
Number of NC contacts for auxiliary contacts		
<ul> <li>instantaneous contact</li> </ul>		2

Number of NO contacts for auxiliary contacts	-	
instantaneous contact		2
Operating current of the auxiliary contacts at AC-12	_	
• at 24 V	А	10
• at 230 V	А	10
• maximum	А	10
Operating current	-	
<ul> <li>of the auxiliary contacts</li> </ul>		
— 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	-	
<ul> <li>with 2 current paths in series at DC-12</li> </ul>		
— 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		
<ul> <li>of the auxiliary contacts at DC-13</li> </ul>		
— 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

— at 220 V Rated value	А	0.9
— at 440 V Rated value	А	0.2
— at 600 V Rated value	А	0.1
<ul> <li>with 3 current paths in series at DC-13</li> </ul>		
— at 24 V Rated value	А	10
— at 60 V Rated value	А	4.7
— at 110 V Rated value	А	3
— at 220 V Rated value	А	1.2
— at 440 V Rated value	А	0.5
— at 600 V Rated value	А	0.26

Installation/ mounting/ dimensions:		
Mounting type		snap-on mounting
Width	mm	36.5
Height	mm	37.5
Depth	mm	46

Connections/ Terminals:	
Type of electrical connection for auxiliary and control	spring-loaded terminals
current circuit	
Type of connectable conductor cross-section	
<ul> <li>for auxiliary contacts</li> </ul>	
— finely stranded	
— with core end processing	2x (0.5 1.5 mm²)
- without core end processing	2x (0.5 2.5 mm²)
<ul> <li>for AWG conductors for auxiliary contacts</li> </ul>	2x (20 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	Yes
IEC 60947-5-1	
Note	with 3RH1

Certificates/ approvals:

General Product	Approval			Functional Safety/Safety of Machinery	Declaration of Conformity
	(SA) CSA		EHC	Baumusterbescheini gung	EG-Konf.
Test Certificates	Shipping Appr	oval			
<u>spezielle</u> Prüfbescheinigunge <u>n</u>	ABS	BUREAU VERITAS	GL GL	Lloyd's Register Lrs	RINA
Shipping Approval	other				
RMRS	sonstig	Umweltbestätigung			
urther information nformation- and Dow ttp://www.siemens.com	vnloadcenter (Cata	alogs, Brochures,)			

Industry Mall (Online ordering system) http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH19112FA22

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RH19112FA22

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RH19112FA22&lang=en

