

Auxiliary switch block, 11 E, 1 NC EN 50012 Screw terminal for motor contactors, 4-pole !!! Phased-out product !!! Successor is SIRIUS 3RH2 Preferred successor type is >>3RH2911-1HA01<<



General technical data

Product brand name	SIRIUS
Suitability for use	Contactor relay and power contactor
Protection class IP on the front	IP20
Ambient temperature <ul style="list-style-type: none"> during storage during operation 	-55 ... +80 °C -25 ... +60 °C
Mechanical service life (switching cycles) typical	10 000 000
Electrical endurance (switching cycles) at AC-15 at 230 V typical	200 000
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 at AC rated value	690 V
Surge voltage resistance rated value	6 kV

Auxiliary circuit

Number of NC contacts for auxiliary contacts <ul style="list-style-type: none"> instantaneous contact 	1
Number of NO contacts for auxiliary contacts <ul style="list-style-type: none"> instantaneous contact 	0

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

— at 60 V rated value	3.5 A
— at 110 V rated value	1.3 A
— at 220 V rated value	0.9 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.1 A
• with 3 current paths in series at DC-13	
— at 24 V rated value	10 A
— at 60 V rated value	4.7 A
— at 110 V rated value	3 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.5 A
— at 600 V rated value	0.26 A

Installation/ mounting/ dimensions

Mounting type	snap-on mounting
Width	36.5 mm
Height	37.5 mm
Depth	41.5 mm

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 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
--------------------------	---------------------------------------	---------------------------



Type Examination
Certificate



Declaration of Conformity	Test Certificates	Shipping Approval
---------------------------	-------------------	-------------------

Miscellaneous

Special Test
Certificate

Type Test
Certificates/Test
Report



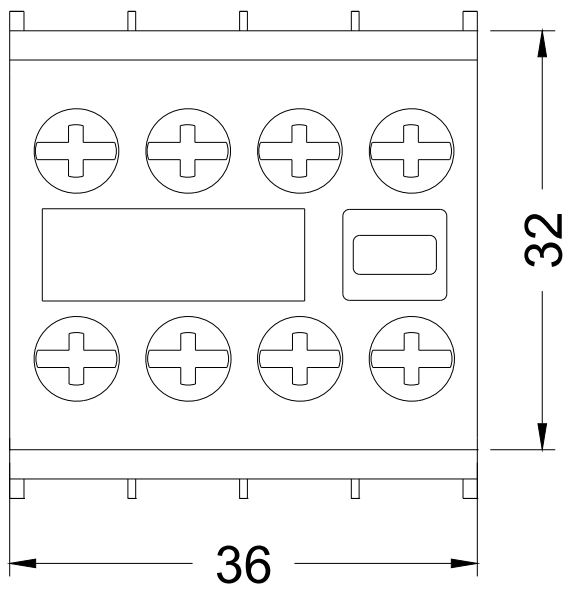
Shipping Approval	other	Railway
-------------------	-------	---------



Confirmation

Special Test
Certificate

Further information



last modified:

04/02/2020

