SIEMENS

Data sheet

3RH2921-1DA20

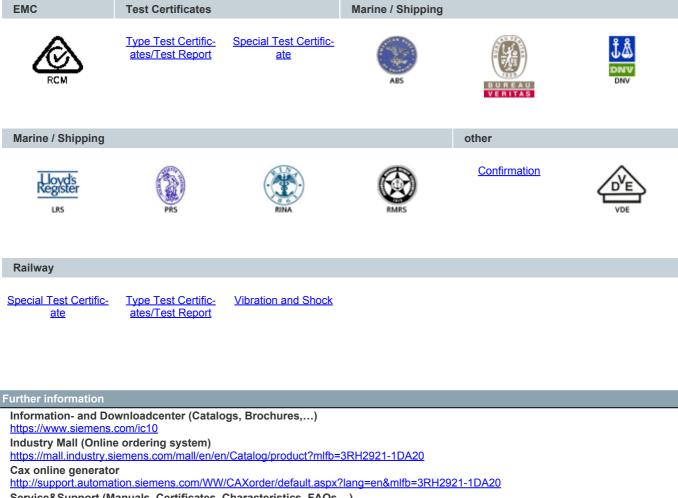


Auxiliary switch lateral, 2 NO Current path 1 NO, 1 NO for 3RH and 3RT screw terminal R: 33/34, 43/44 L: 53/54, 63/64

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 	-55 +80 °C
 during operation 	-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	
 instantaneous contact 	0
 lagging switching 	0
number of NO contacts for auxiliary contacts	
 instantaneous contact 	2
leading contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
maximum	10 A
operational 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
operational current	
 of auxiliary contacts at DC-12 	
— at 24 V	10 A
— at 110 V	3 A
— at 220 V	1 A

General Product Approval	
General Product Approval	
ertificates/ approvals	
product function positively driven operation according to IEC 60947-5-1	No
60947-4-1 ● note	with 3RT2
product function mirror contact according to IEC	Yes
afety related data	
 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
— with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
— finely stranded	
for auxiliary contacts	
type of connectable conductor cross-sections	
type of electrical connection for auxiliary and control circuit	screw-type terminals
onnections/ Terminals	
depth	66 mm
height	57.4 mm
width	10 mm
fastening method	snap-on mounting
stallation/ mounting/ dimensions	
— at 600 V rated value	0.26 A
— at 440 V rated value	0.5 A
— at 220 V rated value	1.2 A
— at 110 V rated value	3 A
— at 60 V rated value	4.7 A
— at 24 V rated value	10 A
 with 3 current paths in series at DC-13 	
— at 600 V rated value	0.1 A
— at 440 V rated value	0.2 A
— at 220 V rated value	0.9 A
— at 110 V rated value	1.3 A
— at 60 V rated value	3.5 A
— at 24 V rated value	10 A
 with 2 current paths in series at DC-13 	
— at 220 V	0.3 A
— at 110 V	1 A
— at 60 V	2 A
— at 24 V	6 A
• of auxiliary contacts at DC-13	
operational current	-
— at 600 V rated value	1.8 A
— at 440 V rated value	2.5 A
— at 220 V rated value	3.6 A
— at 110 V rated value	10 A
— at 60 V rated value	10 A
- at 24 V rated value	10 A
 with 3 current paths in series at DC-12 	0.05 A
— at 600 V rated value	0.65 A
— at 440 V rated value	1.3 A
— at 220 V rated value	2 A
— at 60 V rated value — at 110 V rated value	10 A 4 A
— at 24 V rated value	10 A
	40.4

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https://support.industry.siemens.com/cs/ww/en/ps/3RH2921-1DA20 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2921-1DA20&lang=en

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