## **SIEMENS**

## Data sheet

## 3RH2921-1DA20



LATERAL AUX.SWITCH BLOCK,SIDE, 2NO, CURR.PATH: 1NO, 1NO, FOR MOTOR CONTACTORS, SZ S0 AND S2 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		
<ul> <li>during storage</li> </ul>	°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, 1 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>		0
<ul> <li>lagging switching</li> </ul>		0
Number of NO contacts for auxiliary contacts		
<ul> <li>instantaneous contact</li> </ul>		2
<ul> <li>leading contact</li> </ul>		0
Operating current of the auxiliary contacts at AC-12		
• at 24 V	А	10

• maximum         A         0           Operating current         •         10           • of the auxiliary contacts         -         -           - at AC-14         -         -           - at 250 V         A         6           - at 250 V         A         6           - at 220 V         A         6           - at 230 V         A         6           - at 24 V         A         6           - at 400 V         A         3           • at AC-15 at 690 V Rated value         A         1           - at 400 V         A         6           - at 400 V         A         6           - at 400 V Rated value         A         10           - at 40 V Rated value         A         10           - at 20 V Rated value         A         0.65           - at 400 V Rated value         A         0.65           - at 400 V Rated value         A         10           - at 20 V Rated value         A         1.8	a = t 000 ) /	٨	10
Operating currentImage: contracts $- at AC-14$ A $- at 25 V$ A $- at 24 V$ A $- at 230 V$ A $- at 400 V$ Rated valueA $- at 24 V Rated valueA- at 20 V Rated valueA- at 400 V Rated valueA- at 400 V Rated valueA- at 20 V Rated valueA- at 60 V Rated valueA- at 60 V Rated valueA- at 20 V Rated valueA- at 22 V Rated valueA- at 24 V Rated valueA- at 22 V Rated valueA- at 22 V Rated valueA- at 24 V Rated valueA$	• at 230 V	A	
• of the auxiliary contacts		A	10
-at AC-14       A       6 $-at 250 V$ A       6 $-at 250 V$ A       6 $-at 250 V$ A       6 $-at 24 V$ A       6 $-at 230 V$ A       6 $-at 230 V$ A       6 $-at 230 V$ A       6 $-at 400 V$ A       3 $-at 400 V$ Rated value       A       1 <b>Operating current</b> A       10 $-at 24 V$ Rated value       A       10 $-at 20 V$ Rated value       A       10 $-at 20 V$ Rated value       A       10 $-at 20 V$ Rated value       A       1.3 $-at 400 V$ Rated value       A       0.655 $-at 400 V$ Rated value       A       10 $-at 60 V$ Rated value       A       10 $-at 21 V$ Rated value       A       10 $-at 210 V$ Rated value       A       10 $-at 410 V$ Rated value       A       1.3 $-at 60 V$ Rated value       A       1.4 $-at 60 V$ Rated value       A       1.4 <td< td=""><td></td><td></td><td></td></td<>			
- at 250 V       A       6         - at 24 V       A       6         - at 23 V       A       6         - at 230 V       A       6         - at 240 V       A       3         - at 400 V       A       3         • at A00 V       A       10         - at 400 V       A       10         - at 24 V Rated value       A       10         - at 20 V Rated value       A       10         - at 20 V Rated value       A       10         - at 20 V Rated value       A       10         - at 60 V Rated value       A       10         - at 210 V Rated value       A       10         - at 400 V Rated value       A       0.55         • with 3 current paths in series at DC-12       -       -         - at 40 V Rated value       A       10       -         - at 40 V Rated value       A       10       -         - at 40 V Rated value       A       10       -         - at 40 V Rated value       A       10       -         - at 40 V Rated value       A       2.5       -         - at 400 V Rated value       A       2.5       -			
$- \operatorname{at} \operatorname{AC-15}$ $- \operatorname{at} 24 \operatorname{V}$ $A$ $6$ $- \operatorname{at} 230 \operatorname{V}$ $- \operatorname{at} 400 \operatorname{V}$ $A$ $3$ $- \operatorname{at} 400 \operatorname{V}$ $A$ $3$ $- \operatorname{at} 400 \operatorname{V}$ $A$ $4$ $1$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $1$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 60 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $13$ $- \operatorname{at} 600 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $13$ $- \operatorname{at} 600 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 60 \operatorname{V} \operatorname{Rated value}$ $A$ $10$ $- \operatorname{at} 20 \operatorname{V} \operatorname{Rated value}$ $A$ $25$ $- \operatorname{at} 600 \operatorname{V} \operatorname{Rated value}$ $A$ $1.8$ $Coerating current$ $- \operatorname{at} 20 \operatorname{V} \operatorname{V} \operatorname{Rated value}$ $A$ $1.8$ $Coerating current$ $- \operatorname{at} 20 \operatorname{V}$ $A = 0$ $3.6$ $- \operatorname{at} 40 \operatorname{V} \operatorname{Rated value}$ $A$ $1.8$ $Coerating current$ $- \operatorname{at} 20 \operatorname{V}$ $A = 0$ $3.6$ $- \operatorname{at} 40 \operatorname{V} \operatorname{Rated value}$ $A$ $1.8$ $Coerating current$ $- \operatorname{at} 20 \operatorname{V}$ $A = 0$ $3.6$ $- \operatorname{at} 40 \operatorname{V} \operatorname{Rated value}$ $A$ $1.8$ $Coerating current paths in series at DC-13$ $- \operatorname{at} 220 \operatorname{V}$ $A = 0$ $3.5$ $- \operatorname{at} 24 \operatorname{V}$ $A = 0$ $3.5$ $- \operatorname{at} 24 \operatorname{V} \operatorname{Rated value}$ $A$ $3.5$ $- \operatorname{at} 22 \operatorname{V} \operatorname{Rated value}$ $A$ $3.5$ $- \operatorname{at} 410 \operatorname{V} \operatorname{Rated value}$ $A$ $3.5$ $- \operatorname{at} 410$			
$-at 24 V$ A       6 $-at 230 V$ A       6 $-at 400 V$ A       3 $\bullet$ at AC:15 at 690 V Rated value       A       1         Operating current $\bullet$ with 2 current paths in series at DC-12       - $-at 24 V Rated value       A       10         -at 24 V Rated value       A       4         -at 220 V Rated value       A       4         -at 220 V Rated value       A       2         -at 440 V Rated value       A       0.655         \bullet with 3 current paths in series at DC-12       -         -at 60 V Rated value       A       10         -at 220 V Rated value       A       10         -at 440 V Rated value       A       10         -at 60 V Rated value       A       10         -at 410 V Rated value       A       10         -at 42 V V Rated value       A       18         Operating current       -       -         -at 60 V V Rated value       A       1         -at 22 V V       A       6         -at 110 V V Rated value       A       1         -at 60 V V Rated value       A       1<$		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         A         10           - at 24 V Rated value         A         10           - at 60 V Rated value         A         4           - at 220 V Rated value         A         4           - at 220 V Rated value         A         2           - at 400 V Rated value         A         0.655           • with 3 current paths in series at DC-12         A         10           - at 600 V Rated value         A         10           - at 600 V Rated value         A         10           - at 10 V Rated value         A         10           - at 220 V Rated value         A         10           - at 600 V Rated value         A         18           Operating current         A         6           - at 600 V Rated value         A         6           - at 600 V         A         2           - at 60 V         A         6           - at 60 V         A         10           - at 60 V			
		A	6
• at AC-15 at 690 V Rated valueA1Operating current• with 2 current paths in series at DC-12 at 24 V Rated valueA10- at 60 V Rated valueA10- at 110 V Rated valueA2- at 440 V Rated valueA1.3- at 440 V Rated valueA0.65• with 3 current paths in series at DC-12 at 24 V Rated valueA10- at 400 V Rated valueA10- at 400 V Rated valueA25- at 600 V Rated valueA1.8Operating current• of the auxiliary contacts at DC-13 at 220 VA6- at 220 VA0.3- at 220 VA1- at 220 V Rated valueA1- at 220 V Rated valueA1- at 220 V Rated valueA10- at 110 V Rated valueA1.3- at 220 V Rated valueA<	— at 230 V	A	6
Operating currentA• with 2 current paths in series at DC-12A- at 24 V Rated valueA- at 60 V Rated valueA- at 60 V Rated valueA- at 110 V Rated valueA- at 220 V Rated valueA- at 220 V Rated valueA- at 440 V Rated valueA- at 600 V Rated valueA- at 24 V Rated valueA- at 600 V Rated valueA- at 110 V Rated valueA- at 220 V Rated valueA- at 600 V Rated valueA- at 220 V Rated valueA- at 24 V Rated valueA- at 24 VA- at 600 V Rated valueA- at 220 VA- at 600 V Rated valueA- at 220 V Rated value <td< td=""><td>— at 400 V</td><td>A</td><td>3</td></td<>	— at 400 V	A	3
• with 2 current paths in series at DC-12I $-$ at 24 V Rated valueA10 $-$ at 60 V Rated valueA4 $-$ at 220 V Rated valueA2 $-$ at 440 V Rated valueA1.3 $-$ at 600 V Rated valueA0.65 $-$ at 440 V Rated valueA10 $-$ at 440 V Rated valueA10 $-$ at 440 V Rated valueA10 $-$ at 600 V Rated valueA10 $-$ at 440 V Rated valueA10 $-$ at 24 V Rated valueA10 $-$ at 24 V Rated valueA10 $-$ at 24 V Rated valueA10 $-$ at 600 V Rated valueA10 $-$ at 600 V Rated valueA2.5 $-$ at 600 V Rated valueA1.8Operating current $-$ at 24 VA6 $-$ at 60 VA2 $-$ at 60 V NA2 $-$ at 60 VA1 $-$ at 220 VA1 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 60 VA2 $-$ at 24 VA1 $-$ at 24 VA1 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 24 VA1 $-$ at 24 VA1 $-$ at 24 VA1 $-$ at 60 V Rated valueA15 $-$ at 60 V Rated valueA13 <trr< td=""><td>• at AC-15 at 690 V Rated value</td><td>A</td><td>1</td></trr<>	• at AC-15 at 690 V Rated value	A	1
- at 24 V Rated valueA10 $-$ at 60 V Rated valueA4 $-$ at 110 V Rated valueA4 $-$ at 220 V Rated valueA2 $-$ at 440 V Rated valueA1.3 $-$ at 600 V Rated valueA0.65• with 3 current paths in series at DC-12- $-$ at 60 V Rated valueA10 $-$ at 60 V Rated valueA10 $-$ at 60 V Rated valueA10 $-$ at 60 V Rated valueA3.6 $-$ at 440 V Rated valueA3.6 $-$ at 440 V Rated valueA2.5 $-$ at 600 V Rated valueA6 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 24 VA1 $-$ at 24 VA1 $-$ at 24 VA1 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 24 VA1 $-$ at 20 VA0.3 $-$ at 21 V VA1 $-$ at 22 V V Rated valueA1.3 $-$ at 24 V Rated valueA0.9 $-$ at 40 V Rated value <td></td> <td></td> <td></td>			
	<ul> <li>with 2 current paths in series at DC-12</li> </ul>		
In the formation of the	— at 24 V Rated value	A	10
$-at 220 \vee Rated valueA2-at 440 \vee Rated valueA1.3-at 600 \vee Rated valueA0.65• with 3 current paths in series at DC-12--at 24 \vee Rated valueA10-at 60 \vee Rated valueA10-at 10 \vee Rated valueA10-at 220 \vee Rated valueA3.6-at 440 \vee Rated valueA2.5-at 600 \vee Rated valueA1.8Operating current-at 24 \veeA6-at 24 \veeA6-at 60 \veeA2-at 60 \veeA2-at 110 \veeA1-at 220 \veeA0.3\bullet with 2 current paths in series at DC-13--at 24 \veeA6-at 220 \veeA0.3\bullet with 2 current paths in series at DC-13--at 21 \vee Rated valueA10-at 220 \veeA0.3\bullet with 2 current paths in series at DC-13--at 21 \vee Rated valueA10-at 220 \veeA0.3\bullet with 2 current paths in series at DC-13--at 40 \vee Rated valueA1.3-at 20 \vee Rated valueA1.3-at 40 \vee Rated valueA0.9-at 4110 \vee Rated valueA0.9-at 440 \vee Rated valueA0.2-at 440 \vee Rated valueA0.2-at 440 \vee Rated valueA0.2-at 60 \vee Rated valueA$	— at 60 V Rated value	A	10
$-at 440 \vee Rated value$ A1.3 $-at 600 \vee Rated value$ A0.65• with 3 current paths in series at DC-12- $-at 24 \vee Rated value$ A10 $-at 60 \vee Rated value$ A10 $-at 10 \vee Rated value$ A3.6 $-at 220 \vee Rated value$ A2.5 $-at 60 \vee Rated value$ A1.8Operating current $-at 24 \vee$ A6 $-at 60 \vee Rated value$ A2.5 $-at 60 \vee Rated value$ A1.8Operating current $-at 24 \vee$ A6 $-at 60 \vee$ A2 $-at 110 \vee$ A1 $-at 20 \vee$ A0.3 $-at 20 \vee$ A0.3 $-at 20 \vee$ A10 $-at 20 \vee$ A10 $-at 20 \vee$ A10 $-at 20 \vee$ A10 $-at 20 \vee$ A0.3 $-at 20 \vee$ A10 $-at 20 \vee$ A10 $-at 20 \vee$ A10 $-at 20 \vee$ A3.5 $-at 110 \vee$ A1.3 $-at 20 \vee$ A3.5 $-at 110 \vee$ A1.3 $-at 20 \vee$ A0.9 $-at 440 \vee$ A0.9 $-at 440 \vee$ A0.2 $-at 460 \vee$ A0.2 <tr< td=""><td>— at 110 V Rated value</td><td>A</td><td>4</td></tr<>	— at 110 V Rated value	A	4
- at 600 V Rated valueA0.65• with 3 current paths in series at DC-12- $-$ at 24 V Rated valueA10 $-$ at 60 V Rated valueA10 $-$ at 60 V Rated valueA10 $-$ at 110 V Rated valueA3.6 $-$ at 220 V Rated valueA2.5 $-$ at 600 V Rated valueA1.8Operating current $-$ at 24 VA6 $-$ at 60 VA2 $-$ at 60 VA2 $-$ at 60 VA2 $-$ at 60 VA1 $-$ at 24 VA6 $-$ at 60 VA2 $-$ at 24 VA6 $-$ at 24 VA1 $-$ at 60 VA3.6 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 24 VA6 $-$ at 24 VA1 $-$ at 24 VA1 $-$ at 60 VA3.6 $-$ at 210 VA3.6 $-$ at 220 VA3.5 $-$ at 110 V Rated valueA3.5 $-$ at 110 V Rated valueA1.3 $-$ at 220 V Rated valueA0.9 $-$ at 440 V Rated valueA0.2 $-$ at 440 V Rated valueA0.2 $-$ at 600 V Rated valueA0.2 $-$ at 600 V Rated valueA0.1	— at 220 V Rated value	A	2
<ul> <li>with 3 current paths in series at DC-12</li> <li>at 24 V Rated value</li> <li>at 60 V Rated value</li> <li>at 10 V Rated value</li> <li>at 10 V Rated value</li> <li>at 220 V Rated value</li> <li>A</li> <li>at 220 V Rated value</li> <li>A</li> <li>3.6</li> <li>at 440 V Rated value</li> <li>A</li> <li>2.5</li> <li>at 600 V Rated value</li> <li>A</li> <li>1.8</li> </ul> Operating current <ul> <li>of the auxiliary contacts at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 24 V Rated value</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 220 V</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>at 424 V Rated value</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>A</li> <li>A</li> <li>Current paths in series at DC-13</li> <li>Current paths in series at DC-13</li> <li>Current</li></ul>	— at 440 V Rated value	А	1.3
- at 24 V Rated valueA10- at 60 V Rated valueA10- at 110 V Rated valueA3.6- at 220 V Rated valueA2.5- at 440 V Rated valueA1.8Operating current at 24 VA6- at 60 VA2- at 60 VA2- at 60 VA1- at 220 VA0.3- at 220 VA1- at 220 VA0.3- at 220 VA3.5- at 60 V Rated valueA1.3- at 20 V Rated valueA1.3- at 20 V Rated valueA0.9- at 110 V Rated valueA0.9- at 20 V Rated valueA0.9- at 40 V Rated valueA0.9- at 110 V Rated valueA0.2- at 200 V Rated valueA0.2- at 400 V Rated valueA0.2- at 400 V Rated valueA0.1	— at 600 V Rated value	А	0.65
at 60 V Rated valueA10 at 110 V Rated valueA10 at 220 V Rated valueA3.6 at 440 V Rated valueA2.5 at 600 V Rated valueA1.8Operating current at 24 VA6 at 60 VA2 at 60 VA2 at 60 VA1 at 110 VA1 at 220 VA0.3 at 24 V Rated valueA10 at 24 V Rated valueA3.5 at 24 V Rated valueA1.3 at 24 V Rated valueA0.9 at 24 V Rated valueA0.9 at 24 V Rated valueA0.2 at 24 V Rated valueA0.2 at 24 V Rated valueA0.2 at 240 V Rated valueA0.1	<ul> <li>with 3 current paths in series at DC-12</li> </ul>		
<ul> <li>at 110 V Rated value</li> <li>at 110 V Rated value</li> <li>at 220 V Rated value</li> <li>A</li> <li>3.6</li> <li>at 440 V Rated value</li> <li>A</li> <li>2.5</li> <li>at 600 V Rated value</li> <li>A</li> <li>1.8</li> <li>Operating current</li> <li>of the auxiliary contacts at DC-13</li> <li>- at 24 V</li> <li>A</li> <li>6</li> <li>- at 60 V</li> <li>A</li> <li>2</li> <li>- at 110 V</li> <li>A</li> <li>1</li> <li>- at 220 V</li> <li>A</li> <li>0.3</li> <li>with 2 current paths in series at DC-13</li> <li>- at 24 V Rated value</li> <li>A</li> <li>10</li> <li>- at 24 V Rated value</li> <li>A</li> <li>10</li> <li>- at 24 V Rated value</li> <li>A</li> <li>0.3</li> <li>- at 110 V Rated value</li> <li>A</li> <li>0.3</li> <li>- at 24 V Rated value</li> <li>A</li> <li>0.3</li> <li>- at 24 V Rated value</li> <li>A</li> <li>0.3</li> <li>- at 24 V Rated value</li> <li>A</li> <li>0.3</li> <li>- at 220 V Rated value</li> <li>A</li> <li>0.1</li> </ul>	— at 24 V Rated value	А	10
- at 220 V Rated valueA3.6- at 440 V Rated valueA2.5- at 600 V Rated valueA1.8Operating current-• of the auxiliary contacts at DC-13 at 24 VA6- at 60 VA2- at 110 VA1- at 220 VA0.3• with 2 current paths in series at DC-13 at 24 V Rated valueA10- at 24 V Rated valueA3.5- at 24 V Rated valueA3.5- at 24 V Rated valueA3.5- at 24 V Rated valueA0.9- at 440 V Rated valueA0.2- at 440 V Rated valueA0.2- at 600 V Rated valueA0.1	— at 60 V Rated value	А	10
- at 440 V Rated valueA2.5- at 600 V Rated valueA1.8Operating current-• of the auxiliary contacts at DC-13 at 24 VA6- at 60 VA2- at 110 VA1- at 220 VA0.3• with 2 current paths in series at DC-13 at 24 V Rated valueA3.5- at 20 VA3.5- at 20 V Rated valueA1.3- at 20 V Rated valueA0.9- at 440 V Rated valueA0.2- at 440 V Rated valueA0.2- at 600 V Rated valueA0.1	— at 110 V Rated value	А	10
- at 600 V Rated valueA1.8Operating current• of the auxiliary contacts at DC-13 at 24 VA6- at 60 VA2- at 110 VA1- at 220 VA0.3• with 2 current paths in series at DC-13 at 24 V Rated valueA10- at 20 V Rated valueA3.5- at 20 V Rated valueA1.3- at 20 V Rated valueA0.9- at 4110 V Rated valueA0.2- at 440 V Rated valueA0.2- at 600 V Rated valueA0.1	— at 220 V Rated value	А	3.6
Operating currentImage: Constraint of the auxiliary contacts at DC-13Image: Constraint of the auxiliary contacts at DC-13- at 24 VA6- at 60 VA2- at 10 VA1- at 220 VA0.3• with 2 current paths in series at DC-13	— at 440 V Rated value	А	2.5
<ul> <li>of the auxiliary contacts at DC-13</li> <li>- at 24 V</li> <li>- at 60 V</li> <li>- at 110 V</li> <li>- at 110 V</li> <li>- at 220 V</li> <li>A</li> <li>0.3</li> <li>• with 2 current paths in series at DC-13</li> <li>- at 24 V Rated value</li> <li>A</li> <li>10</li> <li>- at 60 V Rated value</li> <li>A</li> <li>3.5</li> <li>- at 110 V Rated value</li> <li>A</li> <li>1.3</li> <li>- at 220 V Rated value</li> <li>A</li> <li>0.9</li> <li>- at 440 V Rated value</li> <li>A</li> <li>0.2</li> <li>- at 600 V Rated value</li> <li>A</li> <li>0.1</li> </ul>	— at 600 V Rated value	А	1.8
- 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 24 V Rated value       A       3.5         - at 60 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	Operating current		
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	<ul> <li>of the auxiliary contacts at DC-13</li> </ul>		
at 110 VA1 at 220 VA0.3• with 2 current paths in series at DC-13 at 24 V Rated valueA10 at 60 V Rated valueA3.5 at 110 V Rated valueA1.3 at 220 V Rated valueA0.9 at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	— at 24 V	А	6
at 220 VA0.3• with 2 current paths in series at DC-13A10 at 24 V Rated valueA10 at 60 V Rated valueA3.5 at 110 V Rated valueA1.3 at 220 V Rated valueA0.9 at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	— at 60 V	А	2
<ul> <li>with 2 current paths in series at DC-13</li> <li>at 24 V Rated value</li> <li>at 60 V Rated value</li> <li>at 10</li> <li>at 110 V Rated value</li> <li>A</li> <li>3.5</li> <li>at 220 V Rated value</li> <li>A</li> <li>0.9</li> <li>at 440 V Rated value</li> <li>A</li> <li>0.2</li> <li>at 600 V Rated value</li> <li>A</li> <li>0.1</li> </ul>	— at 110 V	А	1
at 24 V Rated valueA10 at 60 V Rated valueA3.5 at 110 V Rated valueA1.3 at 220 V Rated valueA0.9 at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	— at 220 V	А	0.3
at 60 V Rated valueA3.5 at 110 V Rated valueA1.3 at 220 V Rated valueA0.9 at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	• with 2 current paths in series at DC-13		
at 110 V Rated valueA1.3 at 220 V Rated valueA0.9 at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	— at 24 V Rated value	А	10
at 220 V Rated valueA0.9 at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	— at 60 V Rated value	А	3.5
at 440 V Rated valueA0.2 at 600 V Rated valueA0.1	— at 110 V Rated value	А	1.3
— at 600 V Rated value A 0.1	— at 220 V Rated value	А	0.9
	— at 440 V Rated value	А	0.2
• with 3 current paths in series at DC-13	— 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	10		
Height	mm	57.4		
Depth	mm	66		

Connections/ Terminals:					
Type of electrical connection for auxiliary and control	screw-type termina	lls			
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)	), 2x (0.75 2.5 mm²)			
<ul> <li>for AWG conductors for auxiliary contacts</li> </ul>	2x (20 16), 2x (1	2x (20 16), 2x (18 14)			
Safety related data:					
Product function Mirror contact acc. to IEC 60947-4-1	Yes				
Note	with 3RT2				
Product function positively driven operation acc. to	No				
IEC 60947-5-1					
Certificates/ approvals:					

General Product Approval				Declaration of ConformityTestConformityCertificates		
CCC	CSA	EHC		EG-Konf.	<u>Type Test</u> Certificates/Test <u>Report</u>	
Test Certificates	Shipping Ap	proval				
Special Test Certificate	ABS	B U R E A U VERITAS	ĴÅ DNV DNV	GL	Lloyd's Register LRS	
Shipping Approval		other				
PRS	RINA	RMRS	Environmental Confirmations	<u>Confirmation</u>		

## Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

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=3RH29211DA20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RH29211DA20

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RH29211DA20&lang=en

