



2NO+2NC CONTACTOR, AC3: 11KW AC 24V 50HZ 4-POLE,  
2NO+2NC, SZ: S0, SCREW TERMINAL 1NO+1NC INTEGR.

product brand name	SIRIUS
Product designation	3RT2 contactor
<b>General technical data:</b>	
Product expansion function module for communication	No
Insulation voltage	690 V
• Rated value	690 V
maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1	400 V
Degree of pollution	3
Shock resistance	
• at rectangular impulse	
— with AC	8,3g / 5 ms, 5,3g / 10 ms
• with sine pulse	
— with AC	13,5g / 5 ms, 8,3g / 10 ms
Surge voltage resistance Rated value	6 kV
Mechanical service life (switching cycles)	
• of the contactor typical	10 000 000
• of the contactor with added electronics-compatible auxiliary switch block typical	5 000 000
• of the contactor with added auxiliary switch block typical	10 000 000
Protection class IP	
• on the front	IP20
Equipment marking	

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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#### Main circuit:

<b>Number of poles for main current circuit</b>	4
<b>Number of NC contacts for main contacts</b>	2
<b>Number of NO contacts for main contacts</b>	2
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>• at AC-1 <ul style="list-style-type: none"> <li>— up to 690 V at ambient temperature 40 °C Rated value</li> <li>— up to 690 V at ambient temperature 60 °C Rated value</li> </ul> </li> <li>• at AC-2 at AC-3 at 400 V <ul style="list-style-type: none"> <li>— per NO contact Rated value</li> <li>— per NC contact Rated value</li> </ul> </li> </ul>	<p>40 A</p> <p>35 A</p> <p>25 A</p> <p>25 A</p>
<b>Operating current with 1 current path</b>	
<ul style="list-style-type: none"> <li>• at DC-1 <ul style="list-style-type: none"> <li>— at 24 V Rated value</li> <li>— at 110 V Rated value</li> <li>— at 220 V Rated value</li> <li>— at 440 V Rated value</li> </ul> </li> <li>• at DC-3 at DC-5 <ul style="list-style-type: none"> <li>— at 24 V per NC contact Rated value</li> <li>— at 24 V per NO contact Rated value</li> <li>— at 110 V per NC contact Rated value</li> <li>— at 110 V per NO contact Rated value</li> <li>— at 220 V per NC contact Rated value</li> <li>— at 220 V per NO contact Rated value</li> <li>— at 440 V per NC contact Rated value</li> <li>— at 440 V per NO contact Rated value</li> </ul> </li> </ul>	<p>35 A</p> <p>4.5 A</p> <p>1 A</p> <p>0.4 A</p> <p>20 A</p> <p>20 A</p> <p>1.25 A</p> <p>2.5 A</p> <p>0.5 A</p> <p>1 A</p> <p>0.045 A</p> <p>0.09 A</p>
<b>Operating current with 2 current paths in series</b>	
<ul style="list-style-type: none"> <li>• at DC-1 <ul style="list-style-type: none"> <li>— at 24 V Rated value</li> <li>— at 110 V Rated value</li> <li>— at 220 V Rated value</li> <li>— at 440 V Rated value</li> </ul> </li> <li>• at DC-3 at DC-5 <ul style="list-style-type: none"> <li>— at 110 V per NC contact Rated value</li> <li>— at 110 V per NO contact Rated value</li> <li>— at 220 V per NC contact Rated value</li> <li>— at 220 V per NO contact Rated value</li> </ul> </li> </ul>	<p>35 A</p> <p>35 A</p> <p>5 A</p> <p>1 A</p> <p>7.5 A</p> <p>15 A</p> <p>1.5 A</p> <p>3 A</p>