



CONTACTOR,  
200KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 110-  
127V AUXILIARY CONTACTS 2NO+2NC 3-POLE,  
SIZE S12 BAR CONNECTIONS CONVENT. OPERATING  
MECHANISM SCREW TERMINAL

### General technical data:

<b>product brand name</b>		SIRIUS
<b>Size of the contactor</b>		S12
<b>Protection class IP / on the front</b>		IP00
<b>Degree of pollution</b>		3
<b>Installation altitude / at a height over sea level / maximum</b>	m	2,000
<b>Ambient temperature / during operating</b>	°C	-25 ... +60
<b>Mechanical operating cycles as operating time</b>		
<ul style="list-style-type: none"> <li>• of the contactor / typical</li> </ul>		10,000,000
<ul style="list-style-type: none"> <li>• of the contactor with added auxiliary switch block / typical</li> </ul>		10,000,000
<ul style="list-style-type: none"> <li>• of the contactor with added electronics-compatible auxiliary switch block / typical</li> </ul>		5,000,000

### Main circuit:

<b>Number of NC contacts / for main contacts</b>		0
<b>Number of NO contacts / for main contacts</b>		3
<b>Operating current</b>		
<ul style="list-style-type: none"> <li>• at AC-1 / at 400 V <ul style="list-style-type: none"> <li>• at 40 °C ambient temperature / rated value</li> </ul> </li> </ul>	A	430
<ul style="list-style-type: none"> <li>• at AC-3 / at 400 V / rated value</li> </ul>	A	400
<ul style="list-style-type: none"> <li>• at AC-4 / at 400 V / rated value</li> </ul>	A	350

• with 1 current path / at DC-1	A	400
• at 24 V / rated value	A	33
• at 110 V / rated value		
• with 2 current paths in series / at DC-1	A	400
• at 24 V / rated value	A	400
• at 110 V / rated value		
• with 3 current paths in series / at DC-1	A	400
• at 24 V / rated value	A	400
• at 110 V / rated value		
• with 1 current path / at DC-3 / at DC-5	A	400
• at 24 V / rated value	A	3
• at 110 V / rated value		
• with 2 current paths in series / at DC-3 / at DC-5	A	400
• at 24 V / rated value	A	400
• at 110 V / rated value		
• with 3 current paths in series / at DC-3 / at DC-5	A	400
• at 24 V / rated value	A	400
• at 110 V / rated value		
<b>Service power</b>		
• at AC-2 / at 400 V / rated value	kW	231
• at AC-3 / at 400 V / rated value	kW	231
• at AC-4 / at 400 V / rated value	W	200,000

Control circuit:		
<b>Design of the surge suppressor</b>		with varistor
<b>Type of voltage / of the controlled supply voltage</b>		AC/DC
<b>Operating range factor control supply voltage rated value / of the magnet coil</b>		
• at 50 Hz		
• for AC		0.8 ... 1.1
• at 60 Hz		
• for AC		0.8 ... 1.1
• for DC		0.8 ... 1.1
<b>Apparent pull-in power / of the solenoid / for AC</b>	V·A	830
<b>Apparent holding power / of the solenoid / for AC</b>	V·A	9.2
<b>Inductive power factor / with the pull-in power of the coil</b>		0.9
<b>Inductive power factor / with the pull-in power of the coil</b>		0.9
<b>Pull-in power / of the solenoid / for DC</b>	W	920
<b>Holding power / of the solenoid / for DC</b>	W	10

#### Auxiliary circuit: