



CONTACTOR,
160KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 110-
127V AUXILIARY CONTACTS 2NO+2NC 3-POLE,
SIZE S10 BAR CONNECTIONS CONVENT. OPERATING
MECHANISM SCREW TERMINAL

General technical data:

product brand name		SIRIUS
Size of the contactor		S10
Protection class IP / on the front		IP00
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature / during operating	°C	-25 ... +60
Mechanical operating cycles as operating time		
<ul style="list-style-type: none"> • of the contactor / typical 		10,000,000
<ul style="list-style-type: none"> • of the contactor with added auxiliary switch block / typical 		10,000,000
<ul style="list-style-type: none"> • of the contactor with added electronics-compatible auxiliary switch block / typical 		5,000,000

Main circuit:

Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current		
<ul style="list-style-type: none"> • at AC-1 / at 400 V <ul style="list-style-type: none"> • at 40 °C ambient temperature / rated value 	A	330
<ul style="list-style-type: none"> • at 60 °C ambient temperature / rated value 	A	300
<ul style="list-style-type: none"> • at AC-3 / at 400 V / rated value 	A	300

• at AC-4 / at 400 V / rated value	A	280
• with 1 current path / at DC-1		
• at 24 V / rated value	A	300
• at 110 V / rated value	A	33
• with 2 current paths in series / at DC-1		
• at 24 V / rated value	A	300
• at 110 V / rated value	A	300
• with 3 current paths in series / at DC-1		
• at 24 V / rated value	A	300
• at 110 V / rated value	A	300
• with 1 current path / at DC-3 / at DC-5		
• at 24 V / rated value	A	300
• at 110 V / rated value	A	3
• with 2 current paths in series / at DC-3 / at DC-5		
• at 24 V / rated value	A	300
• at 110 V / rated value	A	300
• with 3 current paths in series / at DC-3 / at DC-5		
• at 24 V / rated value	A	300
• at 110 V / rated value	A	300
Service power		
• at AC-2 / at 400 V / rated value	kW	171
• at AC-3 / at 400 V / rated value	kW	171
• at AC-4 / at 400 V / rated value	W	160,000

Control circuit:		
Design of the surge suppressor		with varistor
Type of voltage / of the controlled supply voltage		AC/DC
Operating range factor control supply voltage rated value / of the magnet coil		
• at 50 Hz		
• for AC		0.8 ... 1.1
• at 60 Hz		
• for AC		0.8 ... 1.1
• for DC		0.8 ... 1.1
Apparent pull-in power / of the solenoid / for AC	V·A	590
Apparent holding power / of the solenoid / for AC	V·A	6.7
Inductive power factor / with the pull-in power of the coil		0.9
Inductive power factor / with the pull-in power of the coil		0.9
Pull-in power / of the solenoid / for DC	W	650
Holding power / of the solenoid / for DC	W	7.4