



CONTACTOR, AC-3 45 KW/400 V, DC 220 V,
3-POLE, SIZE S3, SCREW CONNECTION

General details:		
Product brand name		SIRIUS
product designation		power contactor
Size of the contactor		S3
Protection class IP / on the front		IP20
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature / during operating	°C	-25 ... 60
Active power loss / per conductor / typical	W	10.8
Item designation		
<ul style="list-style-type: none"> • according to DIN EN 61346-2 		Q
<ul style="list-style-type: none"> • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		K
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 poles / for main current circuit		3

Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current / at AC-1 / at 400 V / at 40 °C ambient temperature / rated value	A	120
Operating current / at AC-1 / at 400 V / at 60 °C ambient temperature / rated value	A	100
Operating current		
• at AC-3 / at 400 V / rated value	A	95
• with 1 current path		
• at DC-1		
• at 24 V / rated value	A	100
• at 110 V / rated value	A	9
• at DC-3 / at DC-5		
• at 24 V / rated value	A	40
• at 110 V / rated value	A	2.5
• with 2 current paths in series		
• at DC-1		
• at 24 V / rated value	A	100
• at 110 V / rated value	A	100
• at DC-3 / at DC-5		
• at 24 V / rated value	A	100
• at 110 V / rated value	A	100
• with 3 current paths in series		
• at DC-1		
• at 24 V / rated value	A	100
• at 110 V / rated value	A	100
• at DC-3 / at DC-5		
• at 24 V / rated value	A	100
• at 110 V / rated value	A	100
Service power		
• at AC-1 / at 400 V / rated value	kW	66
• at AC-2 / at 400 V / rated value	kW	45
• at AC-3		
• at 400 V / rated value	kW	45
• at 500 V / rated value	kW	55
• at 690 V / rated value	kW	55
Control circuit:		
Design of activation		conventional
Type of voltage / of the controlled supply voltage		DC
Control supply voltage / 1		