## SIEMENS

## **Product data sheet**

## 3RT1535-1AP00



CONTACTOR, AC-3 18.5 KW,400V, AC 230 V, 50 HZ 4-POLE, 2 NO + 2 NC, SIZE S2, SCREW CONNECTION

General details:			
Product brand name		SIRIUS	
product designation		power contactor	
Size of the contactor		S2	
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	
Active power loss / per conductor / typical	W	2.6	
Item designation			
according to DIN EN 61346-2		Q	
<ul> <li>according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		К	
Mechanical operating cycles as operating time			
of the contactor / typical		10,000,000	
<ul> <li>of the contactor with added auxiliary switch block / typical</li> </ul>		10,000,000	
<ul> <li>of the contactor with added electronics-compatible auxiliary switch block / typical</li> </ul>		5,000,000	
Main circuit:			
Number of poles / for main current circuit		4	

Number of NC contacts / for main contacts		2
Number of NO contacts / for main contacts		2
Operating current / at AC-1 / at 400 V / at 40 °C ambient temperature / rated value	A	60
Operating current / at AC-1 / at 400 V / at 60 °C ambient temperature / rated value	А	55
Operating current		
• at AC-3 / at 400 V / rated value	А	40
with 1 current path		
• at DC-1		
• at 24 V / rated value	А	50
• at 110 V / rated value	А	4.5
• at DC-3 / at DC-5		
• at 24 V / rated value	А	35
• at 110 V / rated value	А	2.5
with 2 current paths in series		
• at DC-1		
• at 24 V / rated value	А	50
• at 110 V / rated value	А	45
• at DC-3 / at DC-5		
• at 24 V / rated value	А	50
• at 110 V / rated value	А	25
Service power		
• at AC-1 / at 400 V / rated value	kW	36
• at AC-2 / at 400 V / rated value	kW	18.5
• at AC-3		
• at 400 V / rated value	kW	18.5
Control circuit:		

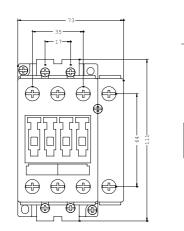
Design of activation		conventional
Type of voltage / of the controlled supply voltage		AC
Control supply voltage frequency		
• 1 / rated value	Hz	50
Control supply voltage / 1		
• at 50 Hz / for AC		
• rated value	V	230

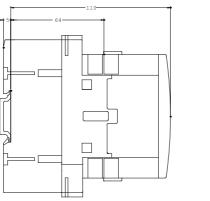
Auxiliary circuit:			
Contact reliability / of the auxiliary contacts	1 faulty switching per 100 million (17	V, 1 mA)	
Number of NC contacts / for auxiliary contacts			
instantaneous switching	0		

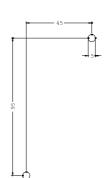
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Height     mm     112       Depth     mm     115       Distance, to be maintained, to earthed part / sidewards     mm     6	series installation		Yes
Depth     mm     115       Distance, to be maintained, to earthed part / sidewards     mm     6	Width	mm	73
Distance, to be maintained, to earthed part / sidewards mm 6	Height	mm	112
Distance, to be maintained, to earthed part / sidewards mm 6	Depth	mm	115
Connection type:	Distance, to be maintained, to earthed part / sidewards	mm	6
	Connection type:		
Design of the electrical connection	Design of the electrical connection		
for main current circuit     screw-type terminals			screw-type terminals
for auxiliary and control current circuit     screw-type terminals			
Certificates/approvals:	Certificates/approvals:		

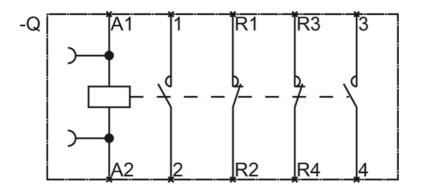
General Product	Approval			Functional Safety / Safety of Machinery	Test Certificates
CQC	(SFA	<u>ROSTEST</u>		SUVA	Manufacturer
Shipping Approv	al				
ABS	ĴÅ DNV DNV	GL	Llovd's Register	RINA	RMRS
other					
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Further informat	ion:				
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CAx-Online-Generation					
		<b>5, Characteristics, FAQ</b> W/view/en/3RT1535-1AF			

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3RT1535-1AP00









last change:

Sep 30, 2011