SIEMENS

Product data sheet

3RT1266-6AP36



VAC. CONTACTOR,

160KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 220-240V AUXILIARY CONTACTS 2NO+2NC 3-POLE, SIZE S10 BAR CONNECTIONS CONVENT. OPERATING MECHANISM

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General details:		
Product brand name		SIRIUS
product designation		power contactor
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
Active power loss / per conductor / typical	W	14
Item designation		
according to DIN EN 61346-2		Q
 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		К
Mechanical operating cycles as operating time		
of the contactor / typical		10,000,000
• of the contactor with added auxiliary switch block / typical		10,000,000
 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	330
Operating current / at AC-1 / at 400 V / at 60 °C ambient temperature / rated value	A	300
Operating current		
• at AC-3 / at 400 V / rated value	А	300
Service power		
• at AC-1 / at 400 V / rated value	kW	197
• at AC-2 / at 400 V / rated value	kW	171
• at AC-3		
• at 400 V / rated value	kW	160
• at 500 V / rated value	kW	215
• at 690 V / rated value	kW	288

Control circuit:

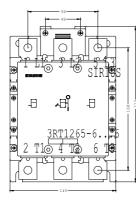
Design of activation		conventional
Design of the surge suppressor		with varistor
Type of voltage / of the controlled supply voltage		AC/DC
Control supply voltage frequency		
• 1 / rated value	Hz	40
• 2 / rated value	Hz	60
Control supply voltage / 1		
• for DC		
• initial rated value	V	220
• final rated value	V	240
• at 50 Hz / for AC		
• initial rated value	V	220
• final rated value	V	240
• at 60 Hz / for AC		
• initial rated value	V	220
final rated value	V	240

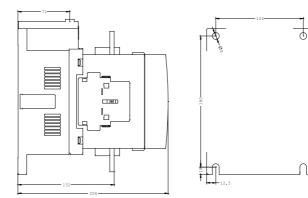
Auxiliary circuit:			
Contact reliability / of the auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)		
Number of NC contacts / for auxiliary contacts			
instantaneous switching	2		
lagging switching	0		
Number of NO contacts / for auxiliary contacts			
instantaneous switching	2		

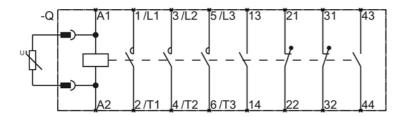
leading switching		0	
Operating current / of the auxiliary contacts			
• at AC-12 / maximum	А	10	
• at AC-15			
• at 230 V	А	6	
• at 400 V	А	3	
• at DC-12			
• at 60 V	А	6	
• at 110 V	А	3	
• at 220 V	А	1	
• at DC-13			
• at 24 V	А	10	
• at 60 V	А	2	
• at 110 V	А	1	
• at 220 V	А	0.3	
Short-circuit:			
Design of the fuse link			
 for short-circuit protection of the auxiliary switch / required 		fuse gL/gG: 10 A	
 for short-circuit protection of the main circuit 			
 with type of assignment 1 / required 		fuse gL/gG: 500 A	
• at type of coordination 2 / required		fuse gL/gG: 500 A	
Installation/mounting/dimensions:			
Type of mounting		screw fixing	
series installation		Yes	
Width	mm	145	
Height	mm	210	
Depth	mm	206	
Distance, to be maintained, to earthed part / sidewards	mm	10	
Connection type:			
Design of the electrical connection			
• for main current circuit		screw-type terminals	
 for auxiliary and control current circuit 		screw-type terminals	
	-	00 F	
Identification number and letter for switching elements		22 E	

General Product Ap	proval				Functional Safety / Safety of Machinery
coc	(SA)	<u>KETI</u>	ROSTEST		<u>SUVA</u>
Test Certificates	Shipping Approval			other	
Manufacturer	ABS	ŮŠ DNV DNV	G L C	Manufacturer	other
Further informatio	n:				
Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/industrial-controls/catalogs					
Industry Mall (Online ordering system) http://www.siemens.com/industrial-controls/mall					
CAx-Online-Generator					
Service&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.automation.siemens.com/WW/view/en/3RT1266-6AP36/all					

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1266-6AP36







last change:

Sep 30, 2011