SIEMENS

Product data sheet

3RT1526-1BP40



CONTACTOR 3-PH, 40A, 230 V DC, 4-POLE, 2NO+2NC, SIZE S0, SCREW CONNECTION SUPPLY DATE MARCH '98

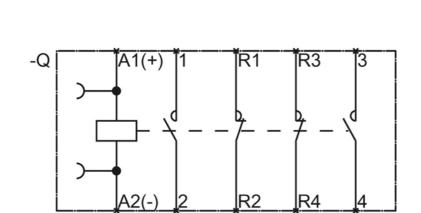
General details:				
Product brand name		SIRIUS		
product designation	_	power contactor		
Size of the contactor	_	SO		
Protection class IP / on the front	_	IP20		
Degree of pollution	-	3		
Installation altitude / at a height over sea level / maximum	m	2,000		
Ambient temperature / during operating	°C	-25 +60		
Active power loss / per conductor / typical	W	1.6		
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		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	40		
Operating current / at AC-1 / at 400 V / at 60 °C ambient temperature / rated value	A	35		
Operating current				
• at AC-3 / at 400 V / rated value	А	20		
with 1 current path				
• at DC-1				
• at 24 V / rated value	А	35		
• at 110 V / rated value	А	4.5		
• at DC-3 / at DC-5				
• at 24 V / rated value	А	20		
• at 110 V / rated value	А	2.5		
• with 2 current paths in series				
• at DC-1				
• at 24 V / rated value	А	35		
• at 110 V / rated value	А	35		
• at DC-3 / at DC-5				
• at 24 V / rated value	А	35		
• at 110 V / rated value	А	15		
Service power	_			
• at AC-1 / at 400 V / rated value	kW	26		
• at AC-2 / at 400 V / rated value	kW	11		
• at AC-3				
• at 400 V / rated value	kW	7.5		
Control circuit:				
Design of activation		conventional		
Type of voltage / of the controlled supply voltage		DC		
Control supply voltage / 1				
• for DC				
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		
lagging switching		0		

Number of NO contacts / for auxiliary contacts

 instantaneous switching 		0
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: 63 A
• at type of coordination 2 / required		fuse gL/gG: 35 A
Installation/mounting/dimensions:		
Type of mounting		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
series installation		Yes
Width	mm	61
Height	mm	85
Depth	mm	101
Distance, to be maintained, to earthed part / sidewards	mm	6
Connection type:		
Design of the electrical connection		
for main current circuit		screw-type terminals
 for auxiliary and control current circuit 		screw-type terminals
Certificates/approvals:		

General Product	Approval			Functional Safety / Safety of Machinery	Test Certificates	
CQC	(SA)	<u>ROSTEST</u>		SUVA	Manufacturer	
Shipping Approv	val					
ABS	GL	Llovd's Kegister Lrs	RINA	RMRS		
other						
Manufacturer	other					
Further information:						
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 http://www.siemens.com/cax						
Service&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.automation.siemens.com/WW/view/en/3RT1526-1BP40/all						
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1526-1BP40						



last change:

Sep 30, 2011