SIEMENS

Data sheet

3RT2526-1AC20



2NO+2NC CONTACTOR, AC3: 11KW AC 24V 50/60HZ 4-POLE, 2NO+2NC, SZ: S0, SCREW TERMINAL 1NO+1NC INTEGR.

product brand name		SIRIUS
Product designation		3RT2 contactor
General technical data:		
Insulation voltage		
Rated value	V	690
Degree of pollution		3
Surge voltage resistance Rated value	kV	6
Mechanical service life (switching cycles)		
 of the contactor typical 		10 000 000
 of the contactor with added electronics- 		5 000 000
compatible auxiliary switch block typical		
 of the contactor with added auxiliary switch 		10 000 000
block typical		
Protection class IP		
• on the front		IP20
Equipment marking		
• acc. to DIN EN 61346-2		Q
• acc. to DIN EN 81346-2		Q
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		

— up to 690 V at ambient temperature 40 °C Rated value	А	40
— up to 690 V at ambient temperature 60 °C Rated value	А	35
• at AC-2 at AC-3 at 400 V		
— per NO contact Rated value	А	25
— per NC contact Rated value	А	25
Operating current with 1 current path		
• at DC-1		
— at 24 V Rated value	А	35
— at 110 V Rated value	А	4.5
— at 220 V Rated value	А	1
— at 440 V Rated value	А	0.4
• at DC-3 at DC-5		
— at 24 V per NC contact Rated value	А	20
— at 24 V per NO contact Rated value	А	20
— at 110 V per NC contact Rated value	А	1.25
— at 110 V per NO contact Rated value	А	2.5
— at 220 V per NC contact Rated value	А	0.5
— at 220 V per NO contact Rated value	А	1
— at 440 V per NC contact Rated value	А	0.045
— at 440 V per NO contact Rated value	А	0.09
Operating current with 2 current paths in series	-	
• at DC-1		
— at 24 V Rated value	А	35
— at 110 V Rated value	А	35
— at 220 V Rated value	А	5
— at 440 V Rated value	А	1
• at DC-3 at DC-5		
— at 110 V per NC contact Rated value	А	7.5
— at 110 V per NO contact Rated value	А	15
— at 220 V per NC contact Rated value	А	1.5
— at 220 V per NO contact Rated value	А	3
— at 24 V per NC contact Rated value	А	35
— at 24 V per NO contact Rated value	А	35
— at 440 V per NC contact Rated value	А	0.135
— at 440 V per NO contact Rated value	А	0.27
Operating power		
• at AC-1 at 400 V Rated value	kW	26
Operating power		
• at AC-1		
— at 230 V Rated value	kW	15

	• at AC-2 at AC-3		
	— at 230 V per NC contact Rated value	kW	5.5
Lettics Up for both and readed value KW 11 Control could Control: Type of voltage of the control supply voltage AC Control supply voltage with AC • at 50 Hz Rated value V 24 24 Operating range factor control supply voltage rated value of the magnet coll with AC 0.8 1.1 • at 50 Hz 0.8 1.1 • at 60 Hz 0.8 1.1 • at 30 power fator 0.8 1.1 • with the holding power of the coil 0.25 • for auxiliary contacts 1 - instantaneous contact 1 • for auxiliary contacts 1 - instantaneous contact 1 • at 200 V Rated value A • at 200 V Rated value A <td< td=""><td>— at 230 V per NO contact Rated value</td><td>kW</td><td>5.5</td></td<>	— at 230 V per NO contact Rated value	kW	5.5
Control circuit/ Control: AC Type of voltage of the control supply voltage AC • at 50 Hz Rated value V 24 • of 60 Hz Rated value V 24 Operating range factor control supply voltage rated value of the magnet coll with AC 0.8 1.1 • at 60 Hz 0.8 1.1 0.85 1.1 • Apparent holding power of the magnet coll with AC V.A 81 Apparent holding power of the coil 0.82 0.82 • with closing power of the coil 0.82 0.82 • with the holding power of the coil 0.25 0.82 • Instantaneous contact 1 1 Number of NC contacts 1 1 • instantaneous contact 1 1 Product expansion Auxiliary contacts 1 1 • instantaneous contact 1 Yes Operating current at AC-15 4 3 • at 600 V Rated value A 1 • at 600 V Rated value	— at 400 V per NC contact Rated value	kW	11
Type of voltage of the control supply voltage AC Control supply voltage with AC V 24 • at 50 Hz Rated value V 24 Operating range factor control supply voltage rated value of the magnet coil with AC 0.8 1.1 • at 50 Hz 0.8 1.1 • at 60 Hz 0.8 1.1 Apparent holding power of the magnet coil with AC VA Apparent holding power of the coil 0.82 • with closing power of the coil 0.82 • with closing power of the coil 0.82 • with action power of the coil 0.82 • for auxiliary contacts 1 - instantaneous contact 1 Number of NC contacts 1 • for auxiliary contacts 1 • at 230 V Rated value A • at 900 V	— at 400 V per NO contact Rated value	kW	11
Type of voltage of the control supply voltage AC Control supply voltage with AC v • at 50 Hz Rated value V • at 60 Hz Rated value V 24 Qperating range factor control supply voltage rated value of the magnet coil with AC 0.8 1.1 • at 60 Hz 0.8 1.1 Apparent holding power of the magnet coil with AC V.A Apparent holding power of the coil 0.82 • with closing power of the coil 0.82 • with closing power of the coil 0.82 • with apparent holding power of the coil 0.82 • with apparent holding power of the coil 0.82 • with closing power of the coil 0.82 • with apparent holding power of the coil 0.82 • for auxiliary contacts 1 - Instantaneous contact 1 Number of NC contacts 1 • for auxiliary contacts 1 - instantaneous contact 1 Product expansion Auxiliary switch Yes Operating current A • at 600 V Rated value A • at 900 V Rated value	Control circuit/ Control:	_	
• at 50 Hz Rated valueV24• at 60 Hz Rated valueV24Operating range factor control supply voltage rated value of the magnet coll with ACV24• at 60 Hz0.8 1.10.85 1.1• at 60 Hz0.8 1.10.85 1.1• at 60 Hz0.8 1.10.85 1.1• at 60 Hz0.8 0.10.85 1.1• at 60 Hz0.8 0.10.82• with closing power of the magnet coll with ACV.A81• with closing power of the coll0.820.82• with the holding power of the coll0.820.85• with the holding power of the coll0.820.82• for auxiliary contacts11• for auxiliary contacts11• for auxiliary contacts11• instantaneous contact11Product expansion Auxiliary switchYesYesOperating currentA1• at 600 V Rated valueA1• at 600 V Rated valueA1• at 0C-12 at 125 V Rated valueA1• at DC-12 at 125 V Rated valueA0.1• at DC-13 at 125 V Rated valueA0.1• at DC-13			AC
at 60 Hz Rated ValueV24Operating range factor control supply voltage rated value of the magnet coil with AC0.8 1.1• at 50 Hz0.8 1.1• at 60 Hz0.8 1.1Apparent holding power of the magnet coil with ACV.AApparent holding power of the magnet coil with ACV.A• with closing power of the coil0.82• with closing power of the coil0.82• with the holding power of the coil0.25Auxiliary circuit:0.82Number of NC contacts1• for auxiliary contacts1• instantaneous contact1Product expansion Auxiliary switchYesOperating current 4 AC-151• at 800 V Rated valueA• at 00 V Rated valueA• at 00-12 at 220 V Rated valueA• at DC-12 at 600 V Rated valueA• at DC-13 at 200 V Rated valueA• at DC-13 at 200 V Rated valueA• at DC-12Xende value• at DC-12Xende value• at DC-12 at 600 V Rated valueA• at DC-13 at 200 V Rated valueA• at DC-13 at 200 V Rated valueA• at DC-13 at 200 V Rated valueA• at DC-12 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 200 V Rated valueA• at DC-12 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 200 V Rated valueA	Control supply voltage with AC	-	
Operating range factor control supply voltage rated value of the magnet coil with AC0.8• at 50 Hz0.8• at 60 Hz0.82• with closing power of the coil0.82• with cholding power of the coil0.82• with cholding power of the coil0.25• with anataneous contact1• Instantaneous contact1• Instantaneous contact1• at 230 V Rated valueA• at 230 V Rated valueA• at 600 V Rated valueA• at 0C-12 at 125 V Rated valueA• at 0C-12 at 220 V Rated valueA• at 0C-13 at 125 V Rated valueA• at 0C-13 at 200 V Rated valueA• at 0C-13 at 200 V Rated valueA• at 0C-13 at 200 V Rated valueA• at 0C-12 at 600 V Rated valueA• at 0C-13 at 200 V Rated valueA• at 0C-13 at 200 V Rated valueA• at 0C-13 at 200 V Rated valueA• at 0C-12 at 600 V Rated valueA• at 0C-12 at 600 V Rated valueA• at 0C-12 at 600 V Rated valueA• at 0C-	• at 50 Hz Rated value	V	24
value of the magnet coil with AC0.8 1.1• at 50 Hz0.8 1.1• at 60 Hz0.85 1.1Apparent pick-up power of the magnet coil with ACV-AApparent holding power of the magnet coil with ACV-AInductive power factor0.82• with closing power of the coil0.82• with closing power of the coil0.25Auxiliary circuit:Number of NC contacts1• for auxiliary contacts1• for auxiliary contacts1• for auxiliary contacts1• instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15-• at 600 V Rated valueA• at 600 V Rated valueA• at 0C-12 at 220 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-12C• at DC-12C• at DC-12C• at DC-12C• at DC-13C• at DC-13C• at DC-13C• at DC-12C• at DC-12C• at DC-13C• at DC-13 <tdc< td="">• at DC-1</tdc<>	• at 60 Hz Rated value	V	24
at 60 Hz0.85 1.1Apparent pick-up power of the magnet coil with ACV-A81Apparent holding power of the magnet coil with ACV-A10.5Inductive power factor0.82• with closing power of the coil0.25Auxiliary circuit:Number of NC contacts1• for auxiliary contacts1• instantaneous contact1Number of NC contacts1• for auxiliary contacts1• at 230 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at 0C-12 at 125 V Rated valueA• at 0C-12 at 200 V Rated valueA• at 0C-13 at 220 V Rated valueA• at 0C-13 at 220 V Rated valueA• at 0C-13 at 600 V Rated valueA• at 0C-12Contact value• at 0C-12Contact value </td <td></td> <td>_</td> <td></td>		_	
Apparent pick-up power of the magnet coil with ACV:A81Apparent holding power of the magnet coil with ACV:A10.5Inductive power factor0.82• with closing power of the coil0.82• with the holding power of the coil0.25Auxiliary circuit:0.25Number of NC contacts1• for auxiliary contacts1- instantaneous contact1• for auxiliary contacts1- instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-151• at 800 V Rated valueA• at 0C-12 at 125 V Rated valueA• at DC-12 at 200 V Rated valueA• at DC-12 at 200 V Rated valueA• at DC-12 at 200 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-12A• at DC-13A• at DC-12A• at DC-	● at 50 Hz		0.8 1.1
Apparent holding power of the magnet coil with AC V-A 10.5 Inductive power factor 0.82 • with closing power of the coil 0.25 Auxiliary circuit: 0.25 Number of NC contacts 1 • for auxiliary contacts 1 — instantaneous contact 1 Number of NO contacts 1 • for auxiliary contacts 1 — instantaneous contact 1 Product expansion Auxiliary switch Yes Operating current at AC-15 1 • at 230 V Rated value A • at 690 V Rated value A • at 600 V Rated value A • at DC-12 at 125 V Rated value A • at DC-12 at 220 V Rated value A • at DC-12 at 20 V Rated value A • at DC-12 at 20 V Rated value A • at DC-12 at 20 V Rated value A • at DC-12 at 20 V Rated value A • at DC-12 at 20 V Rated value A • at DC-12 at 20 V Rated value A • at DC-13 at 20 V Rated value A • at DC-13 at 20 V Rated value A <	• at 60 Hz		0.85 1.1
Inductive power factor0.82• with closing power of the coil0.82• with the holding power of the coil0.25Auxiliary circuit:0.82Number of NC contacts1• for auxiliary contacts1- instantaneous contact1Number of NO contacts1• for auxiliary contacts1- instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15-• at 230 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at 00 V Rated valueA•	Apparent pick-up power of the magnet coil with AC	V·A	81
• with closing power of the coil0.82• with the holding power of the coil0.25Auxiliary circuit:Number of NC contacts1• for auxiliary contacts1- instantaneous contact1Number of NO contacts1• for auxiliary contacts1- instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15-• at 230 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at DC-12 at 125 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-12A• at DC-12A	Apparent holding power of the magnet coil with AC	V·A	10.5
• with the holding power of the coil 0.25 Auxiliary circuit: Image: Circuit Cir	Inductive power factor		
Auxiliary circuit: Number of NC contacts • for auxiliary contacts - instantaneous contact 1 Number of NO contacts • for auxiliary contacts - instantaneous contact 1 Number of NO contacts • for auxiliary contacts - instantaneous contact 1 Product expansion Auxillary switch Vers Operating current at AC-15 • at 230 V Rated value A • at 690 V Rated value A • at 00-12 at 125 V Rated value A • at DC-12 at 220 V Rated value A • at DC-12 at 220 V Rated value A • at DC-12 at 220 V Rated value A • at DC-13 at 220 V Rated value A • at DC-13 at 600 V Rated value A • at DC-12 • at DC-12	 with closing power of the coil 		0.82
Number of NC contacts• for auxiliary contacts instantaneous contact1Number of NO contacts• for auxiliary contacts instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15• at 230 V Rated valueA• at 400 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at 0C-12 at 125 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 125 V Rated valueA• at DC-12 at 125 V Rated valueA• at DC-12 at 125 V Rated valueA• at DC-13 at 125 V Rated valueA0.15• at DC-13 at 220 V Rated valueA0.1Operating current• at DC-13 at 600 V Rated valueA0.1Operating current• at DC-12	 with the holding power of the coil 		0.25
• for auxiliary contacts1— instantaneous contact1Number of NO contacts1• for auxiliary contacts1— instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-151• at 230 V Rated valueA• at 400 V Rated valueA• at 690 V Rated valueA• at 10C-12 at 125 V Rated valueA• at DC-12 at 125 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-13 at 125 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-12•	Auxiliary circuit:		
instantaneous contact1Number of NO contacts-• for auxiliary contacts1 instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15-• at 230 V Rated valueA• at 400 V Rated valueA• at 690 V Rated valueA• at 00 V Rated valueA </td <td>Number of NC contacts</td> <td></td> <td></td>	Number of NC contacts		
Number of NO contactsImage: Second secon	 for auxiliary contacts 		
• for auxiliary contactsI— instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15—• at 230 V Rated valueA• at 400 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at C-12 at 125 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-13 at 125 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-12A• at DC-12A• at DC-12A• at DC-12A• at DC-12A• at DC-12A• at DC-12• at DC-12	— instantaneous contact		1
instantaneous contact1Product expansion Auxiliary switchYesOperating current at AC-15///////////////////////////////	Number of NO contacts		
Product expansion Auxiliary switchYesOperating current at AC-15-• at 230 V Rated valueA• at 400 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at 690 V Rated valueA• at 0C-12 at 125 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 220 V Rated valueA• at DC-12 at 200 V Rated valueA• at DC-12 at 200 V Rated valueA• at DC-12 at 200 V Rated valueA• at DC-13 at 125 V Rated valueA• at DC-13 at 125 V Rated valueA• at DC-13 at 220 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-13 at 600 V Rated valueA• at DC-12I• at DC-12I• at DC-12I	 for auxiliary contacts 		
Operating current at AC-15I• at 230 V Rated valueA10• at 400 V Rated valueA3• at 690 V Rated valueA1• at 690 V Rated valueA1Operating currentI• at DC-12 at 125 V Rated valueA2• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 220 V Rated valueA0.1• at DC-13 at 600 V Rated valueA0.1• at DC-12· · · · · · · · · · · · · · · · · · ·	— instantaneous contact		1
• at 230 V Rated valueA10• at 400 V Rated valueA3• at 690 V Rated valueA1• at 690 V Rated valueA1Operating current-• at DC-12 at 125 V Rated valueA2• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 220 V Rated valueA0.1• at DC-13 at 600 V Rated valueA0.1• at DC-13 at 600 V Rated valueA0.1	Product expansion Auxiliary switch		Yes
• at 400 V Rated valueA3• at 690 V Rated valueA1Operating current-• at DC-12 at 125 V Rated valueA2• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1• at DC-13 at 220 V Rated valueA0.1• at DC-13 at 220 V Rated valueA0.1	Operating current at AC-15		
• at 690 V Rated valueA1Operating currentA2• at DC-12 at 125 V Rated valueA2• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1• at DC-13 at 220 V Rated valueA0.1• at DC-13 at 220 V Rated valueA0.1• at DC-13 at 600 V Rated valueA0.1	• at 230 V Rated value	A	10
Operating currentImage: constraint of the system• at DC-12 at 125 V Rated valueA2• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1Operating current• at DC-12• at DC-12	• at 400 V Rated value	А	3
• at DC-12 at 125 V Rated valueA2• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1Operating current• at DC-12• at DC-12	• at 690 V Rated value	А	1
• at DC-12 at 220 V Rated valueA1• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1Operating current• at DC-12	Operating current		
• at DC-12 at 600 V Rated valueA0.15• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1Operating current• at DC-12	• at DC-12 at 125 V Rated value	А	2
• at DC-13 at 125 V Rated valueA0.9• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1Operating current	 at DC-12 at 220 V Rated value 	٨	1
• at DC-13 at 220 V Rated valueA0.3• at DC-13 at 600 V Rated valueA0.1Operating current		~	
• at DC-13 at 600 V Rated value A 0.1 Operating current • at DC-12 -			0.15
Operating current • at DC-12	• at DC-12 at 600 V Rated value	А	
• at DC-12	 at DC-12 at 600 V Rated value at DC-13 at 125 V Rated value 	A A	0.9
	 at DC-12 at 600 V Rated value at DC-13 at 125 V Rated value at DC-13 at 220 V Rated value 	A A A	0.9 0.3
- at 60 V Rated value A 6	 at DC-12 at 600 V Rated value at DC-13 at 125 V Rated value at DC-13 at 220 V Rated value at DC-13 at 600 V Rated value 	A A A	0.9 0.3
	 at DC-12 at 600 V Rated value at DC-13 at 125 V Rated value at DC-13 at 220 V Rated value at DC-13 at 600 V Rated value Operating current	A A A	0.9 0.3

— at 110 V Rated value	А	3
• at DC-13		
— at 24 V Rated value	А	10
— at 60 V Rated value	А	2
— at 110 V Rated value	А	1
Contact reliability of the auxiliary contacts	_	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings:		
yielded mechanical performance [hp]	_	
 for single-phase AC motor at 110/120 V Rated value 	metric hp	2
 for single-phase AC motor at 230 V Rated 	metric	3
value	hp	
Contact rating of the auxiliary contacts acc. to UL		A600 / Q600
Short-circuit:		
Design of the fuse link		
 for short-circuit protection of the main circuit 		
— with type of assignment 1 required		gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE:
		63 A
— with type of assignment 2 required		gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
 for short-circuit protection of the auxiliary switch 		fuse gL/gG: 10 A
required		
Installation/mounting/dimensions		
Installation/ mounting/ dimensions: mounting position	_	+/-180° rotation possible on vertical mounting
		surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
Mounting type	-	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
 Side-by-side mounting 		Yes
Height	mm	85
Width	mm	61
Depth	mm	97
Required spacing		
 with side-by-side mounting 		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— downwards	mm	0
— at the side	mm	0
 for grounded parts 		
— forwards		
	mm	0
— Backwards	mm mm	0 0

— upwards	mm	0
— at the side	mm	6
— downwards	mm	0
 for live parts 		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— downwards	mm	0
— at the side	mm	6

Connections/ Terminals:

Type of electrical connection		
 for main current circuit 		screw-type terminals
 for auxiliary and control current circuit 		screw-type terminals
Type of connectable conductor cross-section		
 for main contacts 		
— solid		2x (1 2.5 mm²), 2x (2.5 10 mm²)
— single or multi-stranded		2x (1 2,5 mm²), 2x (2,5 10 mm²)
 finely stranded with core end processing 		2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
 for AWG conductors for main contacts 		2x (16 12), 2x (14 8)
 for auxiliary contacts 		
— solid		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
— single or multi-stranded		2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
— finely stranded with core end processing		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 for AWG conductors for auxiliary contacts 		2x (20 16), 2x (18 14)
Apparent pick-up power of the magnet coil with AC		
• at 50 Hz	V·A	81

Safety related data:				
B10 value with high demand rate acc. to SN 31920		1 000 000		
Proportion of dangerous failures				
 with low demand rate acc. to SN 31920 	%	40		
 with high demand rate acc. to SN 31920 	%	73		
Failure rate [FIT] with low demand rate acc. to SN 31920	FIT	100		
Product function Mirror contact acc. to IEC 60947-4-1		Yes		
T1 value for proof test interval or service life acc. to IEC 61508	У	20		
Protection against electrical shock		finger-safe		
Mechanical data:				
Size of contactor		S0		
Ambient conditions:				

Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during operation	°C	-25 +60
 during storage 	°C	-55 +80

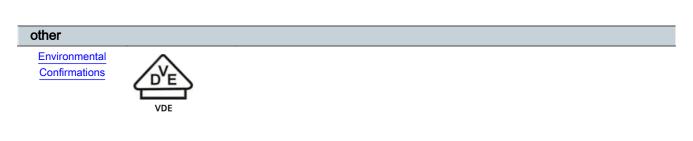
Certificates/ approvals:

General Prod	uct Approval			EMC	Functional Safety/Safety of Machinery	
CCC	CSA	EHC		С-ТІСК	Type Examination	

Declaration of Conformity	Test Certificates	3	Shipping Approval		
EG-Konf.	Special Test Certificate	<u>Type Test</u> Certificates/Test <u>Report</u>	ABS	B U R E A U VERITAS	ĴÅ DNV DNV

 Shipping Approval
 other

 GL
 LRS
 PRS
 RINA
 RMRS
 Confirmation



Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system) http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT25261AC20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT25261AC20/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT25261AC20&lang=en

