# **SIEMENS**

## Data sheet

## 3RT2026-1AD00



CONTACTOR, AC-3, 11KW/400V, 1NO+1NC, AC 42V 50HZ, 3-POLE, SZ S0 SCREW TERMINAL

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)			
<ul> <li>of the contactor typical</li> </ul>		10 000 000	
<ul> <li>of the contactor with added electronics- compatible auxiliary switch block typical</li> </ul>		5 000 000	
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>		10 000 000	
Thermal short-time current restricted to 10 s	А	200	
Protection class IP			
• on the front		IP20	
• of the terminal		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		3	
Number of NC contacts for main contacts		0	
Number of NO contacts for main contacts		3	
Operating voltage			

• at AC-3 Rated value maximum	V	690
Operating current		
• at AC-1		
— at 400 V at ambient temperature 40 $^\circ\mathrm{C}$	А	40
Rated value		
— up to 690 V at ambient temperature 40 °C	А	40
Rated value		25
— up to 690 V at ambient temperature 60 °C Rated value	A	35
• at AC-2 at 400 V Rated value	A	25
● at AC-3		
— at 400 V Rated value	А	25
— at 500 V Rated value	А	18
— at 690 V Rated value	А	13
• at AC-4 at 400 V Rated value	А	15.5
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 600 V Rated value	А	0.25
• at DC-3 at DC-5		
— at 24 V Rated value	А	20
— at 110 V Rated value	А	2.5
— at 220 V Rated value	А	1
— at 440 V Rated value	А	0.09
— at 600 V Rated value	А	0.06
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 600 V Rated value	А	0.8
• at DC-3 at DC-5		
— at 110 V Rated value	А	15
— at 220 V Rated value	А	3
— at 24 V Rated value	А	35
— at 440 V Rated value	А	0.27
— at 600 V Rated value	А	0.16
Operating current with 3 current paths in series		

• at DC-1         - at 24 V Rated value         A         35           - at 110 V Rated value         A         35           - at 220 V Rated value         A         35           - at 440 V Rated value         A         29           - at 600 V Rated value         A         14           • at DC-3         -         -           - at 10 V Rated value         A         35           - at 20 V Rated value         A         10           - at 220 V Rated value         A         35           - at 200 V Rated value         A         0.6           - at 200 V Rated value         A         0.6           - at 400 V Rated value         A         0.6           - at 400 V Rated value         KW         13.1           • at AC-1 at 400 V Rated value         KW         13.3           • at AC-1 at 400 V Rated value         KW         13.3           - at 200 V at 60 °C Rated value         KW         13.3           - at 200 V at 60 °C Rated value         KW         13.3           - at 600 V Rated value         KW         10           - at 600 V Rated value         KW         10           - at 600 V Rated value         KW         10 <t< th=""><th></th><th></th><th></th></t<>			
- at 110 V Rated value       A       35         - at 220 V Rated value       A       29         - at 600 V Rated value       A       2.9         - at 600 V Rated value       A       14         • at 100 V Rated value       A       35         - at 100 V Rated value       A       10         - at 220 V Rated value       A       35         - at 240 V Rated value       A       36         - at 200 V Rated value       A       36         - at 200 V Rated value       A       0.6         Operating power       -       -         - at 400 V Rated value       KW       23         - at 400 V Rated value       KW       11         - at 230 V Rated value       KW       13.3         - at 230 V Rated value       KW       13.3         - at 230 V Rated value       KW       40         - at 230 V Rated value       KW       40         - at 600 °C Rated value       KW       40         - at 600 V Rated value       KW       40	• at DC-1		
Landon LaborationA35- at 220 V Rated valueA2.9- at 600 V Rated valueA1.4• at DC-3 at DC-5 at 110 V Rated valueA10- at 220 V Rated valueA10- at 220 V Rated valueA35- at 220 V Rated valueA0.6- at 600 V Rated valueA0.6- at 600 V Rated valueA0.6- at 600 V Rated valueKW23• at AC-1 at 400 V Rated valueKW11• at AC-2 at 400 V Rated valueKW11• at AC-3 at 400 V Rated valueKW13.3- at 230 V Rated valueKW13.3- at 230 V Rated valueKW13.3- at 690 V at 60 °C Rated valueKW23- at 690 V Rated valueKW14- at 690 V Rated valueKW10- at 690 V Rated valueKW11- at 690 V Rated valueKW	— at 24 V Rated value	А	35
	— at 110 V Rated value	А	35
	— at 220 V Rated value	А	35
• at DC-3 at DC-5··- at 110 V Rated valueA35- at 220 V Rated valueA10- at 24 V Rated valueA35- at 24 V Rated valueA06- at 400 V Rated valueA0.6Operating power··• at AC-1 at 400 V Rated valueKW23• at AC-2 at 400 V Rated valueKW11• at AC-4 at 400 V Rated valueKW13.3• at AC-4 at 00 V Rated valueKW13.3- at 230 V Rated valueKW13.3- at 230 V Rated valueKW23- at 690 V at 60 °C Rated valueKW40- at 690 V at 60 °C Rated valueKW40- at 690 V Rated valueKW55- at 690 V Rated valueKW11- at 690 V Rated valueKW12- at 690 V Rated valueKW12- at 690 V Rated valueKW12- at 690 V Rated valueKW14- at 690 V Ra	— at 440 V Rated value	А	2.9
− at 110 V Rated valueA35− at 220 V Rated valueA10− at 24 V Rated valueA35− at 440 V Rated valueA0.6Operating power at AC-1 at 400 V Rated valueKW23- at AC-2 at 400 V Rated valueKW11- at AC-4 at 400 V Rated valueKW13.3- at 230 V at 60 °C Rated valueKW13.3- at 230 V Rated valueKW13.3- at 400 V Rated valueKW10- at 690 V Rated valueKW10- at 690 V Rated valueKW10- at 690 V Rated valueKW11- at 400 V Rated valueKW11- at 690 V Rated valueKW11- at 600 V Rated valueKW7.7- Operating power for ≥ 200000 operating cycles at AC-3 at 400 V Rated valueKW4.4- at 600 V Rated valueKW1.1- at 600 V Rated valueKW1.1- at 600 V Rated valueKW4.4- at 600 V Rated valueKW4.4- at 600 V Rated valueKW4.4 <td>— at 600 V Rated value</td> <td>А</td> <td>1.4</td>	— at 600 V Rated value	А	1.4
at 220 V Rated valueA10 at 24 V Rated valueA35 at 440 V Rated valueA0.6 at 600 V Rated valueA0.6Operating powerKW23- at AC-1 at 400 V Rated valueKW23- at AC-2 at 400 V Rated valueKW7.5Operating powerKW13.3- at 230 V Rated valueKW13.3- at 230 V Rated valueKW13.3- at 600 V at 60 °C Rated valueKW23- at 600 V at 60 °C Rated valueKW13.3- at 600 V at 60 °C Rated valueKW13.3- at 600 V Rated valueKW40- at 600 V Rated valueKW10- at 600 V Rated valueKW11- at 600 V Rated valueKW11- at 600 V Rated valueKW5.5- at 400 V Rated valueKW11- at 600 V Rated valueKW11- at	• at DC-3 at DC-5		
	— at 110 V Rated value	А	35
at 440 V Rated valueA0.6 at 600 V Rated valueA0.6Operating power	— at 220 V Rated value	А	10
at 600 V Rated valueA0.6Operating power	— at 24 V Rated value	А	35
Operating power       4         • at AC-1 at 400 V Rated value       kW       23         • at AC-2 at 400 V Rated value       kW       11         • at AC-4 at 400 V Rated value       kW       7.5         Operating power       -       -         • at AC-1       -       -         - at 230 V Rated value       kW       13.3         - at 230 V Rated value       kW       13.3         - at 230 V Rated value       kW       23         - at 400 V at 60 °C Rated value       kW       23         - at 690 V Rated value       kW       40         - at 690 V Rated value       kW       40         - at 690 V Rated value       kW       40         - at 690 V Rated value       kW       11         - at 690 V Rated value       kW       11         - at 690 V Rated value       kW       11         Operating power for ≥ 200000 operating cycles at AC-3       -         - at 400 V Rated value       kW       14         - at 690 V Rated value       kW       11         Operating frequency       -       -         • at 600 V Rated value       kW       7.7         Operating frequency       -       - </td <td>— at 440 V Rated value</td> <td>А</td> <td>0.6</td>	— at 440 V Rated value	А	0.6
• at AC-1 at 400 V Rated value       kW       23         • at AC-2 at 400 V Rated value       kW       11         • at AC-4 at 400 V Rated value       kW       7.5         Operating power       •       •         • at AC-1       -       -         - at 230 V at 60 °C Rated value       kW       13.3         - at 230 V Rated value       kW       13.3         - at 400 V Rated value       kW       23         - at 690 V Rated value       kW       40         - at 690 V Rated value       kW       11         Operating power for ≥ 200000 operating cycles at AC-3       -         - at 400 V Rated value       kW       14         • at 600 V Rated value       kW       7.7         Operating frequency       -       -         • at 600 V Rated value       kW       7.7         Operating frequency       - </td <td>— at 600 V Rated value</td> <td>А</td> <td>0.6</td>	— at 600 V Rated value	А	0.6
e at AC-2 at 400 V Rated valueKW11• at AC-3 at 400 V Rated valueKW7.5Operating powerKW13.3• at AC-1- at 230 V at 60 °C Rated valueKW• at AC-1- at 230 V Rated valueKW• at 230 V Rated valueKW13.3- at 230 V Rated valueKW23- at 690 V at 60 °C Rated valueKW23- at 690 V Rated valueKW40- at 690 V Rated valueKW40- at 690 V Rated valueKW11- at 690 V Rated valueKW5.5- at 400 V Rated valueKW11- at 690 V Rated valueKW11- at 690 V Rated valueKW11- at 690 V Rated valueKW11- at 400 V Rated valueKW11- at 690 V Rated valueKW7.7Operating frequency	Operating power		
• at AC-4 at 400 V Rated value       KW       7.5         Operating power       ·       ·         • at AC-1       ·       ·         - at 230 V at 60 °C Rated value       KW       13.3         - at 230 V Rated value       KW       13.3         - at 400 V at 60 °C Rated value       KW       23         - at 690 V at 60 °C Rated value       KW       40         - at 690 V Rated value       KW       40         - at 690 V Rated value       KW       40         - at 230 V Rated value       KW       40         - at 690 V Rated value       KW       11         Operating power for ≥ 200000 operating cycles at AC-4       KW       14         • at 400 V Rated value       KW       7.7         Operating frequency       ·       ·       ·         • at AC-3 maximum       1/h       750         Control circuit/ Control:       ·       ·       ·         · at AC-3 maximum       1/h       750         Control supply voltage with AC       ·       ·       ·<	• at AC-1 at 400 V Rated value	kW	23
Operating power       • at AC-1        at 230 V at 60 °C Rated value       KW       13.3        at 230 V Rated value       KW       13.3        at 400 V at 60 °C Rated value       KW       23        at 690 V at 60 °C Rated value       KW       40        at 690 V at 60 °C Rated value       KW       40        at 690 V at 60 °C Rated value       KW       40        at 690 V Rated value       KW       40        at 230 V Rated value       KW       40        at 400 V Rated value       KW       11        at 690 V Rated value       KW       11        at 690 V Rated value       KW       11         Operating power for ≥ 200000 operating cycles at AC-4       -         • at 400 V Rated value       KW       4.4         • at 690 V Rated value       KW       7.7         Operating frequency       -       -         • at AC-3 maximum       1/h       750         Control circuit/ Control:       -       -         Type of voltage of the control supply voltage       AC         Control supply voltage with AC       -       42         • at 50 Hz Rated value       V       42         Operating ra	• at AC-2 at 400 V Rated value	kW	11
• at AC-1KW13.3- at 230 V at 60 °C Rated valueKW13.3- at 230 V Rated valueKW13.3- at 400 V at 60 °C Rated valueKW23- at 690 V Rated valueKW40- at 690 V Rated valueKW40• at AC-3 at 230 V Rated valueKW5.5- at 400 V Rated valueKW11- at 690 V Rated valueKW7.7Operating power for ≥ 200000 operating cycles at AC-4-• at 400 V Rated valueKW4.4• at 690 V Rated valueKW7.7Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:Type of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV42Operating range factor control supply voltage rated value of the magnet coll with ACI	• at AC-4 at 400 V Rated value	kW	7.5
at 230 V at 60 °C Rated valueKW13.3 at 230 V Rated valueKW13.3 at 400 V at 60 °C Rated valueKW23 at 690 V Rated valueKW40 at 690 V Rated valueKW40 at 230 V Rated valueKW5.5 at 230 V Rated valueKW11 at 690 V Rated valueKW7.7Operating power for ≥ 200000 operating cycles at AC-4	Operating power	-	
- at 230 V Rated value       kW       13.3         - at 400 V at 60 °C Rated value       kW       23         - at 690 V at 60 °C Rated value       kW       40         - at 690 V Rated value       kW       40         - at 230 V Rated value       kW       5.5         - at 400 V Rated value       kW       11         - at 690 V Rated value       kW       11         Operating power for ≥ 200000 operating cycles at AC-4	● at AC-1		
$ \begin{array}{c c c c c c } -at 400 V at 60 °C Rated value & kW & 23 \\ -at 690 V at 60 °C Rated value & kW & 40 \\ -at 690 V Rated value & kW & 40 \\ \hline at AC-3 & & & & \\ -at 230 V Rated value & kW & 5.5 \\ -at 400 V Rated value & kW & 11 \\ -at 690 V Rated value & kW & 11 \\ \hline Operating power for \geq 200000 operating cycles at AC-4 & & & \\ \hline at 400 V Rated value & kW & 4.4 \\ \hline at 690 V Rated value & kW & 7.7 \\ \hline Operating frequency & & & \\ \hline at AC-3 maximum & 1/h & 750 \\ \hline $	— at 230 V at 60 °C Rated value	kW	13.3
$ \begin{array}{c c c c c c } -at 690 \ V at 60 \ ^{\circ}C \ Rated \ value & kW & 40 \\ -at 690 \ V \ Rated \ value & kW & 40 \\ \hline at 690 \ V \ Rated \ value & kW & 5.5 \\ -at 230 \ V \ Rated \ value & kW & 11 \\ -at 690 \ V \ Rated \ value & kW & 11 \\ \hline operating \ power \ for \ \ge \ 200000 \ operating \ cycles \ at \ AC-4 & & \\ \hline at 400 \ V \ Rated \ value & kW & 4.4 \\ \hline at 690 \ V \ Rated \ value & kW & 7.7 \\ \hline operating \ frequency & & \\ \hline at AC-3 \ maximum & 1/h & 750 \\ \hline \hline control \ circuit/ \ Control: & & \\ \hline Type \ of \ voltage \ of \ the \ control \ supply \ voltage & AC \\ \hline control \ supply \ voltage \ with \ AC & & \\ \hline at 50 \ Hz \ Rated \ value & & \\ \hline v & 42 \\ \hline operating \ range \ factor \ control \ supply \ voltage \ rated \\ \hline value \ of \ the \ magnet \ coil \ with \ AC & \\ \hline \end{array}$	— at 230 V Rated value	kW	13.3
at 690 V Rated value       kW       40         • at AC-3       -         at 230 V Rated value       kW       5.5         at 400 V Rated value       kW       11         at 690 V Rated value       kW       11         Operating power for ≥ 200000 operating cycles at AC-4       -       -         • at 400 V Rated value       kW       4.4         • at 400 V Rated value       kW       7.7         Operating frequency       -       -         • at AC-3 maximum       1/h       750         Control circuit/ Control:       -       -         Type of voltage of the control supply voltage       AC         • at 50 Hz Rated value       V       42         Operating range factor control supply voltage rated value of the magnet coll with AC       -	— at 400 V at 60 °C Rated value	kW	23
• at AC-3       -         - at 230 V Rated value       kW         - at 230 V Rated value       kW         - at 400 V Rated value       kW         - at 690 V Rated value       kW         11       Operating power for ≥ 200000 operating cycles at AC-4         • at 400 V Rated value       kW         • at 690 V Rated value       kW         • at 690 V Rated value       kW         • at 690 V Rated value       KW         • at AC-3 maximum       1/h         750         Control circuit/ Control:         Type of voltage of the control supply voltage       AC         Control supply voltage with AC          • at 50 Hz Rated value       V       42         Operating range factor control supply voltage rated value of the magnet coil with AC	— at 690 V at 60 °C Rated value	kW	40
at 230 V Rated valuekW5.5 at 400 V Rated valuekW11 at 690 V Rated valuekW11Operating power for ≥ 200000 operating cycles at AC-4KW4.4• at 400 V Rated valuekW4.4• at 690 V Rated valuekW7.7Operating frequency • at AC-3 maximum750Control circuit/ Control:ACControl supply voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV42Operating range factor control supply voltage rated value of the magnet col with ACV42	— at 690 V Rated value	kW	40
at 400 V Rated valuekW11 at 690 V Rated valuekW11Operating power for ≥ 200000 operating cycles at AC-4KW11• at 400 V Rated valuekW4.4• at 690 V Rated valuekW7.7Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:ACType of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV42Operating range factor control supply voltage rated value of the magnet coil with ACI	● at AC-3		
at 690 V Rated valuekW11Operating power for ≥ 200000 operating cycles at AC-4kW11• at 400 V Rated valuekW4.4• at 690 V Rated valuekW7.7Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:ACType of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV42Operating range factor control supply voltage rated value of the magnet coil with ACV42	— at 230 V Rated value	kW	5.5
Operating power for ≥ 200000 operating cycles at       Image: Constraint of the	— at 400 V Rated value	kW	11
AC-4       KW       4.4         • at 400 V Rated value       kW       4.4         • at 690 V Rated value       kW       7.7         Operating frequency       7.7         • at AC-3 maximum       1/h       750         Control circuit/ Control:       750         Type of voltage of the control supply voltage       AC         Control supply voltage with AC       42         • at 50 Hz Rated value       V       42         Operating range factor control supply voltage rated value of the magnet coil with AC       Image: Control supply voltage rated value	— at 690 V Rated value	kW	11
• at 690 V Rated valuekW7.7Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:ACControl supply voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV42Operating range factor control supply voltage rated value of the magnet coil with ACV			
Operating frequency     1/h     750       • at AC-3 maximum     1/h     750       Control circuit/ Control:     AC       Type of voltage of the control supply voltage     AC       Control supply voltage with AC     42       • at 50 Hz Rated value     V     42       Operating range factor control supply voltage rated value of the magnet coil with AC     Image: Control supply voltage rated value	• at 400 V Rated value	kW	4.4
• at AC-3 maximum1/h750Control circuit/ Control:ACType of voltage of the control supply voltageACControl supply voltage with ACAC• at 50 Hz Rated valueV4242Operating range factor control supply voltage rated value of the magnet coil with ACImage: Control supply voltage rated field for the magnet coil with AC	• at 690 V Rated value	kW	7.7
Control circuit/ Control:       Type of voltage of the control supply voltage     AC       Control supply voltage with AC     42       • at 50 Hz Rated value     V     42       Operating range factor control supply voltage rated value of the magnet coil with AC     Image: Control supply voltage rated value	Operating frequency		
Type of voltage of the control supply voltage       AC         Control supply voltage with AC       42         • at 50 Hz Rated value       V       42         Operating range factor control supply voltage rated value of the magnet coil with AC       Image: Control supply voltage rated value	• at AC-3 maximum	1/h	750
Control supply voltage with AC     V     42       • at 50 Hz Rated value     V     42       Operating range factor control supply voltage rated value of the magnet coil with AC     Image: Control supply voltage rated value			
• at 50 Hz Rated value V 42 Operating range factor control supply voltage rated value of the magnet coil with AC			AC
Operating range factor control supply voltage rated value of the magnet coil with AC			
value of the magnet coil with AC		V	42
• at 50 Hz 0.8 1.1			
	● at 50 Hz		0.8 1.1
	Auxiliary circuit:		

	_	
Number of NC contacts		
<ul> <li>for auxiliary contacts</li> </ul>		
— instantaneous contact		1
Number of NO contacts		
<ul> <li>for auxiliary contacts</li> </ul>		
— instantaneous contact		1
Product expansion Auxiliary switch		Yes
Operating current at AC-15		
• at 230 V Rated value	А	10
• at 400 V Rated value	А	3
• at 690 V Rated value	А	1
Operating current	-	
<ul> <li>at DC-12 at 125 V Rated value</li> </ul>	А	2
<ul> <li>at DC-12 at 220 V Rated value</li> </ul>	А	1
• at DC-12 at 600 V Rated value	А	0.15
<ul> <li>at DC-13 at 125 V Rated value</li> </ul>	А	0.9
<ul> <li>at DC-13 at 220 V Rated value</li> </ul>	А	0.3
• at DC-13 at 600 V Rated value	А	0.1
Operating current		
• at DC-12		
— at 60 V Rated value	А	6
— 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:		
Full-load current (FLA) for three-phase AC motor		
• at 480 V Rated value	А	21
• at 600 V Rated value	А	22
yielded mechanical performance [hp]		
<ul> <li>for single-phase AC motor at 110/120 V Rated</li> </ul>	metric	2
value	hp	
<ul> <li>for single-phase AC motor at 230 V Rated</li> </ul>	metric	3
value	hp	
• for three-phase AC motor at 200/208 V Rated	metric	5
value	hp	
<ul> <li>for three-phase AC motor at 220/230 V Rated value</li> </ul>	metric hp	7.5
● for three-phase AC motor at 460/480 V Rated	metric	15
value	hp	

<ul> <li>for three-phase AC motor at 575/600 V Rated value</li> </ul>	metric hp	20
Contact rating of the auxiliary contacts acc. to UL	-	A600 / Q600
Short-circuit:		
Design of the fuse link		
<ul> <li>for short-circuit protection of the main circuit</li> </ul>		
— with type of assignment 1 required		gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 100 A
— with type of assignment 2 required		gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>		fuse gL/gG: 10 A
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
• Cida hu cida manutina		Yes
Side-by-side mounting		85
Height Width	mm	45
Depth	mm	97
Required spacing		51
with side-by-side mounting		
— forwards	mm	0
— Backwards	mm	0
		0
— upwards	mm	
— downwards	mm	0
— at the side	mm	0
<ul> <li>for grounded parts</li> </ul>		
— forwards	mm	0
— Backwards	mm	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
<ul> <li>for auxiliary and control current circuit</li> </ul>		screw-type terminals
Type of connectable conductor cross-section		
• for main contacts		
— 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
<ul> <li>for AWG conductors for main contacts</li> </ul>		2x (16 12), 2x (14 8)
<ul> <li>for auxiliary contacts</li> </ul>		
— single or multi-stranded		2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>for AWG conductors for auxiliary contacts</li> </ul>		2x (20 16), 2x (18 14)
Apparent pick-up power of the magnet coil with AC		
• at 50 Hz	V·A	77
Safety related data:		
B10 value with high demand rate acc. to SN 31920		1 000 000
Proportion of dangerous failures		
<ul> <li>with low demand rate acc. to SN 31920</li> </ul>	%	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
Aechanical data:		
Size of contactor		SO
Ambient conditions:		
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
during operation	°C	-25 +60

Certificates/ approvals:

General Product	t Approval			EMC	Functional Safety/Safety of Machinery
	(SA) CSA	EHC		С-ТІСК	Type Examination
Declaration of Conformity	Test Certificate	S	Shipping App	proval	
EG-Konf.	Special Test Certificate	<u>Type Test</u> Certificates/Test <u>Report</u>	ABS	BUREAU VERITAS	ĴÅ DNV DNV
Shipping Approv	/al				other
	I I an arka	A REAL PROVIDENCE OF THE PROVI	2 INT		Confirmation
GL		PRS	RINA	RMRS	
GL GL Other Environmental		PRS	RINA	RMRS	

### urther 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=3RT20261AD00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT20261AD00/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=3RT20261AD00&lang=en





