## **SIEMENS**

## Data sheet

## 3RT2516-1AD00

Power contactor, AC-3 9 A, 4 kW / 400 V 2 NO + 2 NC 42 V AC, 50 Hz 4-pole Size S00 screw terminals



Product brand name	SIRIUS
Product designation	contactor
Product type designation	3RT25
General technical data	
Size of contactor	S00

Size of contactor	500
Product extension	
<ul> <li>function module for communication</li> </ul>	No
Auxiliary switch	Yes
Surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
maximum permissible voltage for safe isolation	
<ul> <li>between coil and main contacts acc. to EN</li> </ul>	400 V
60947-1	
Protection class IP	
• on the front	IP20
• of the terminal	IP20
Shock resistance at rectangular impulse	
• at AC	6,7g / 5 ms, 4,2g / 10 ms

Installation altitude at height above sea level       2000 m         Ambient temperature       2000 m         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Main circuit       4         Number of poles for main current circuit       4         Number of NO contacts for main contacts       2         Operating current       4         • at AC-1       2         - up to 690 V at ambient temperature 40 °C       18 A         - at AC-3       16 A         - up to 690 V at ambient temperature 60 °C       16 A         - up to 690 V at ambient temperature 60 °C       16 A         - per NC contact rated value       9 A         - at 40 °C minimum permissible       2.5 mm²         Operating current       2.5 mm²         • at 0 °C minimum permissible       2.5 mm²         • at 20 V rated value       20 A         - at 22 V rated value       0.8 A         - at 440 V rated value       0.8 A         - at 440 V rated value       0.6 A	Shock resistance with sine pulse	
<ul> <li>of contactor typial</li> <li>a0 000 000</li> <li>of the contactor with added electronics- compatible auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>Reference code acc. to DIN EN 81346-2</li> <li>Q</li> <li>Ambient conditions</li> <li>Installation alfitude at height above sea level</li> <li>maximum</li> <li>2000 m</li> <li>Ambient conditions</li> <li>during operation</li> <li>-25 +60 °C</li> <li>-6 uring operation</li> <li>-25 +60 °C</li> <li>-10 up to 690 V at ambient emperature 40 °C</li> <li>rated value</li> <li>- up to 690 V at ambient temperature 40 °C</li> <li>rated value</li> <li>- up to 690 V at ambient temperature 60 °C</li> <li>rated value</li> <li>- up to 690 V at ambient temperature 60 °C</li> <li>rated value</li> <li>- per NC contact rated value</li> <li>- per NC contact rated value</li> <li>- at 20 °C</li> <li>- at</li></ul>	• at AC	10,5g / 5 ms, 6,6g / 10 ms
of the contactor with added electronics- compatible auxiliary switch block typical       5000 000         of the contactor with added auxiliary switch block typical       10 000 000         Reference code acc. to DIN EN 81346-2       Q         Ambient conditions       2 000 m         Ambient conditions       2 000 m         Ambient temperature       - 55 + 60 °C         - during operation       - 55 + 60 °C         - during storage       - 55 + 60 °C         - durot of NC contacts for main contacts       2         Operating current       - 40 °C         - at AC-1       - 40 °C         - at NC contact rated value       9 A         - per NC contact rated value       9 A         - per NC contact rated value       9 A         - per NC contact rated value       2.5 mm <sup>2</sup> - at 10 wrone partissible <td>Mechanical service life (switching cycles)</td> <td></td>	Mechanical service life (switching cycles)	
compatible auxiliary switch block typical10 000 000Reference code acc. to DIN EN 81346-2QAmbient conditions2 000 mInstallation altitude at height above sea level	<ul> <li>of contactor typical</li> </ul>	30 000 000
• of the contactor with added auxiliary switch block typical10 000 000Reference code acc. to DIN EN 81346-2QAmbient conditions2 000 mInstallation altitude at height above sea level • maximum2 000 m• maximum2 000 mAmbient emperature • during operation • during storage- 25 +60 °C • 55 +80 °C• Mumber of poles for main current circuit • during storage4Number of NC contacts for main contacts2Number of NC contacts for main contacts2• at AC-1 • up to 690 V at ambient temperature 60 °C rated value • at AC-2 at AC-3 at 400 V • per NO contact rated value16 A• at AC-2 at AC-3 at 400 V • per NC contact rated value • per NC contact rated value9A• at 60 °C minimum permissible 	<ul> <li>of the contactor with added electronics-</li> </ul>	5 000 000
block typical bl	compatible auxiliary switch block typical	
Reference code acc. to DIN EN 81346-2     Q       Ambient conditions     Installation altitude at height above sea level • maximum     2 000 m       Ambient temperature • during operation     2 000 m       • during storage     -25 +60 °C       • during storage     -55 +80 °C       Mumber of No contacts for main current circuit     4       Number of NO contacts for main contacts     2       Operating current • at AC-1 - up to 690 V at ambient temperature 40 °C rated value - up to 690 V at ambient temperature 60 °C rated value - up to 690 V at ambient temperature 60 °C rated value • at AC-2 at AC-3 at 400 V - per NO contact rated value • per NO contact rated value • per NC contact rated value     9 A       Connectable conductor cross-section in main circuit at AC-1 • at 60 °C minimum permissible • at 40 °C minimum permissible     2.5 mm <sup>2</sup> Vertify current path at DC-1 - at 24 V rated value • at 1 current path at DC-1 - at 24 V rated value - at 440 V rated value     20 A       • with 2 current paths in series at DC-1     0.8 A       • with 2 current paths in series at DC-1     0.8 A	<ul> <li>of the contactor with added auxiliary switch</li> </ul>	10 000 000
Ambient conditions         Installation altitude at height above sea level         • maximum       2 000 m         Ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Main circuit       4         Number of poles for main current circuit       4         Number of NC contacts for main contacts       2         Operating current       4         • at AC-1       2         - up to 690 V at ambient temperature 40 °C       18 A         • at AC-2       18 A         - up to 690 V at ambient temperature 60 °C       16 A         • at AC-2 at AC-3 at 400 V       9 A         - per NO contact rated value       9 A         - per NO contact rated value       9 A         - per NC contact rated value       2.5 mm²         • at 60 °C minimum permissible       2.5 mm²         • at 0°C minimum permissible       2.5 mm²         • at 1 current path at DC-1       -         - at 220 V rated value       0.8 A         - at 220 V rated value       0.8 A         - at 440 v rated value       0.8 A         - at 440 v rated value       0.8 A         - at 440 v rated value       <		
Installation altitude at height above sea level       2000 m         Ambient temperature       2000 m         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Main circuit       4         Number of poles for main current circuit       4         Number of NO contacts for main contacts       2         Operating current       4         • at AC-1       2         - up to 690 V at ambient temperature 40 °C       18 A         - at AC-3       16 A         - up to 690 V at ambient temperature 60 °C       16 A         - up to 690 V at ambient temperature 60 °C       16 A         - per NC contact rated value       9 A         - at 40 °C minimum permissible       2.5 mm²         Operating current       2.5 mm²         • at 0 °C minimum permissible       2.5 mm²         • at 20 V rated value       20 A         - at 22 V rated value       0.8 A         - at 440 V rated value       0.8 A         - at 440 V rated value       0.6 A	Reference code acc. to DIN EN 81346-2	Q
• maximum2 000 mAmbient temperature-• during operation-25 + 60 °C• during storage-55 + 80 °CMumber of poles for main current circuit4Number of NC contacts for main contacts2Number of NC contacts for main contacts2Operating current-• at AC-1-• up to 690 V at ambient temperature 40 °C18 A• at AC-1-• up to 690 V at ambient temperature 60 °C16 A• at AC-2 at AC-3 at 400 V9A• per NO contact rated value9A• per NO contact rated value9A• per NO contact rated value2.5 mm³• at AC-1-• at AC-2 at AC-3 at 400 V-• per NO contact rated value9A• at AC-1-• at AC-1-• per NO contact rated value9A• at AC-1-• at 40 °C minimum permissible2.5 mm³• at 40 °C minimum permissible2.5 mm³• at 40 °C minimum permissible2.0 A• at 24 vrated value0.0 A• at 22 vrated value0.8 A• at 40 Vrated value0.8 A• at 40 Vrated value0.6 A	Ambient conditions	
Ambient temperature       -25 +60 °C         • during storage       -25 +80 °C         Main circuit       4         Number of poles for main current circuit       4         Number of NO contacts for main contacts       2         Number of NC contacts for main contacts       2         Operating current       18 A         • at AC-1       18 A         - up to 690 V at ambient temperature 60 °C       16 A         rated value       9 A         - up to 690 V at ambient temperature 60 °C       16 A         rated value       9 A         - per NO contact rated value       9 A         - per NC contact rated value       9 A         - per NC contact rated value       9 A         - at 40 °C minimum permissible       2.5 mm²         • at 40 °C minimum permissible       2.5 mm²         • at 40 °C minimum permissible       2.5 mm²         • at 10 Urated value       2.0 A         • at 110 V rated value       0.8 A         - at 440 V rated value       0.8 A         - at 440 V rated value       0.6 A	Installation altitude at height above sea level	
• during storage-25 +60 °C -55 +80 °CMumber of poles for main current circuit4Number of NC contacts for main contacts2Number of NC contacts for main contacts2Operating current • at AC-1 - up to 690 V at ambient temperature 40 °C rated value18 A• at AC-1 - up to 690 V at ambient temperature 60 °C rated value16 A• at AC-2 at AC-3 at 400 V - per NC contact rated value9 A• at AC-2 at AC-3 at 400 V - per NC contact rated value9 A• at AC-1 - up to 690 V at ambient temperature 60 °C rated value16 A• at AC-2 at AC-3 at 400 V - per NC contact rated value9 A• at AC-2 at AC-3 at 400 V - per NC contact rated value9 A• at aC-1 - at 24 V rated value9 A• at 1 current path at DC-1 - at 24 V rated value2.5 mm²• at 1 current path at DC-1 - at 220 V rated value20 A• at 110 V rated value - at 440 V rated value0.8 A• at 440 V rated value - at 440 V rated value0.8 A• with 2 current paths in series at DC-10.8 A	• maximum	2 000 m
adding operation-55 +80 °CMain circuit4Number of poles for main current circuit4Number of NC contacts for main contacts2Operating current2• at AC-1	Ambient temperature	
Main circuit       4         Number of poles for main current circuit       4         Number of NO contacts for main contacts       2         Number of NC contacts for main contacts       2         Operating current       • at AC-1         - up to 690 V at ambient temperature 40 °C       18 A         - up to 690 V at ambient temperature 60 °C       16 A         - up to 690 V at ambient temperature 60 °C       16 A         - up to Contact rated value       9 A         - up to Contact rated value       9 A         - per NO contact rated value       9 A         - per NC contact rated value       2.5 mm <sup>2</sup> - at 40 °C minimum permissible       2.5 mm <sup>2</sup> • at 40 °C minimum permissible       2.5 mm <sup>2</sup> • at 1 current path at DC-1       - at 24 V rated value         - at 110 V rated value       0.8 A         - at 20 V rated value       0.8 A         - at 440 V rated value       0.6 A         • with 2 current paths in series at DC-1       - at 40 V rated value	<ul> <li>during operation</li> </ul>	-25 +60 °C
Number of poles for main current circuit4Number of NC contacts for main contacts2Number of NC contacts for main contacts2Operating current • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value18 A• at AC-2 at AC-3 at 400 V — per NC contact rated value9 A• at AC-1 — up to 600 Contact rated value9 A• at AC-2 at AC-3 at 400 V — per NC contact rated value9 A• at AC-1 • at 60 °C minimum permissible2.5 mm²• at 40 °C minimum permissible2.5 mm²• at 1 current path at DC-1 	• during storage	-55 +80 °C
Number of poles for main current circuit4Number of NC contacts for main contacts2Number of NC contacts for main contacts2Operating current • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value18 A• at AC-2 at AC-3 at 400 V — per NC contact rated value9 A• at AC-1 — up to 600 Contact rated value9 A• at AC-2 at AC-3 at 400 V — per NC contact rated value9 A• at AC-1 • at 60 °C minimum permissible2.5 mm²• at 40 °C minimum permissible2.5 mm²• at 1 current path at DC-1 — at 24 V rated value20 A• at 110 V rated value0.8 A• at 400 V rated value0.6 A	Main circuit	
Number of NC contacts for main contacts2Operating currentImage: contact and contacts and contacts and contacts and contacts and contact and contac	Number of poles for main current circuit	4
Operating current• at AC-1 up to 690 V at ambient temperature 40 °Crated value up to 690 V at ambient temperature 60 °C up to 690 V at ambient temperature 60 °Crated value• at AC-2 at AC-3 at 400 V per NC contact rated value9 A at 60 °C minimum permissible2.5 mm²Operating current• at 1 current path at DC-1 at 24 V rated value20 A at 110 V rated value2.1 A at 420 V rated value0.8 A at 400 V rated value0.6 A• with 2 current paths in series at DC-1	Number of NO contacts for main contacts	2
<ul> <li>at AC-1         <ul> <li>up to 690 V at ambient temperature 40 °C</li> <li>rated value</li> <li>up to 690 V at ambient temperature 60 °C</li> <li>rated value</li> </ul> </li> <li>up to 690 V at ambient temperature 60 °C</li> <li>rated value</li> <li>at AC-2 at AC-3 at 400 V</li> <li>per NO contact rated value</li> <li>9 A</li> <li>per NC contact rated value</li> <li>9 A</li> <li>connectable conductor cross-section in main circuit at AC-1             <ul> <li>at 60 °C minimum permissible</li></ul></li></ul>	Number of NC contacts for main contacts	2
- up to 690 V at ambient temperature 40 °C rated value18 A- up to 690 V at ambient temperature 60 °C rated value16 A- up to 690 V at ambient temperature 60 °C rated value16 A• at AC-2 at AC-3 at 400 V9 A- per NC contact rated value9 A- per NC contact rated value9 A- per NC contact rated value2.5 mm²• at 60 °C minimum permissible2.5 mm²• at 40 °C minimum permissible2.5 mm²• at 1 current path at DC-1 - at 24 V rated value20 A- at 110 V rated value0.8 A- at 440 V rated value0.6 A• with 2 current paths in series at DC-10.6 A	Operating current	
rated value - up to 690 V at ambient temperature 60 °C rated value • at AC-2 at AC-3 at 400 V - per NO contact rated value - per NC contact rated value - at 40 °C minimum permissible - at 24 V rated value - at 24 V rated value - at 220 V rated value - at 440 V rated value - with 2 current paths in series at DC-1	● at AC-1	
rated value• at AC-2 at AC-3 at 400 V- per NO contact rated value9 A- per NC contact rated value1 at 60 °C minimum permissible2.5 mm²• at 40 °C minimum permissible2.5 mm²Operating current- at 24 V rated value- at 24 V rated value- at 24 V rated value- at 220 V rated value0.8 A- at 440 V rated value0.6 A• with 2 current paths in series at DC-1		18 A
- per NO contact rated value       9 A         - per NC contact rated value       9 A         9 A       9 A         • per NC contact rated value       9 A         Connectable conductor cross-section in main circuit at AC-1       5 Commercial commerc		16 A
	• at AC-2 at AC-3 at 400 V	
Connectable conductor cross-section in main circuit at AC-12.5 mm²• at 60 °C minimum permissible2.5 mm²• at 40 °C minimum permissible2.5 mm²Operating current2.5 mm²• at 1 current path at DC-120 A- at 24 V rated value20 A- at 110 V rated value2.1 A- at 220 V rated value0.8 A- at 440 V rated value0.6 A	— per NO contact rated value	9 A
at AC-1• at 60 °C minimum permissible2.5 mm²• at 40 °C minimum permissible2.5 mm²Operating current• at 1 current path at DC-1- at 24 V rated value20 A- at 24 V rated value2.1 A- at 220 V rated value0.8 A- at 440 V rated value0.6 A	— per NC contact rated value	9 A
• at 40 °C minimum permissible2.5 mm²Operating current2.5 mm²• at 1 current path at DC-1- at 24 V rated value- at 24 V rated value20 A- at 110 V rated value2.1 A- at 220 V rated value0.8 A- at 440 V rated value0.6 A		
Operating current• at 1 current path at DC-1- at 24 V rated value20 A- at 110 V rated value2.1 A- at 220 V rated value0.8 A- at 440 V rated value0.6 A	• at 60 °C minimum permissible	2.5 mm <sup>2</sup>
<ul> <li>at 1 current path at DC-1</li> <li>at 24 V rated value</li> <li>at 110 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>0.8 A</li> <li>at 440 V rated value</li> <li>0.6 A</li> </ul>	• at 40 °C minimum permissible	2.5 mm <sup>2</sup>
- at 24 V rated value20 A- at 110 V rated value2.1 A- at 220 V rated value0.8 A- at 440 V rated value0.6 A• with 2 current paths in series at DC-1	Operating current	
at 110 V rated value       2.1 A         at 220 V rated value       0.8 A         at 440 V rated value       0.6 A         • with 2 current paths in series at DC-1	• at 1 current path at DC-1	
- at 220 V rated value     0.8 A       - at 440 V rated value     0.6 A       • with 2 current paths in series at DC-1	— at 24 V rated value	20 A
<ul> <li>at 440 V rated value</li> <li>with 2 current paths in series at DC-1</li> </ul>	— at 110 V rated value	2.1 A
• with 2 current paths in series at DC-1	— at 220 V rated value	0.8 A
	— at 440 V rated value	0.6 A
	<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
- at 24 V rated value 20 A	— at 24 V rated value	20 A
— at 110 V rated value 12 A	— at 110 V rated value	12 A
— at 220 V rated value 1.6 A	— at 220 V rated value	1.6 A

— at 440 V rated value	0.8 A
Operating current	-
• at 1 current path at DC-3 at DC-5	
- at 24 V per NC contact rated value	16 A
— at 24 V per NO contact rated value	16 A
— at 110 V per NC contact rated value	0.075 A
— at 110 V per NO contact rated value	0.15 A
·	0.375 A
— at 220 V per NC contact rated value	0.75 A
— at 220 V per NO contact rated value	0.73 A
• with 2 current paths in series at DC-3 at DC-5	16 A
— at 24 V per NC contact rated value	
— at 24 V per NO contact rated value	16 A
— at 110 V per NC contact rated value	0.175 A
— at 110 V per NO contact rated value	0.35 A
Operating power	
• at AC-1	C E INN
— at 230 V rated value	6.5 kW
— at 400 V rated value	11 kW
• at AC-2 at AC-3	2.2.11/1/
— at 230 V per NC contact rated value	2.2 kW
— at 230 V per NO contact rated value	2.2 kW
— at 400 V per NC contact rated value	4 kW
— at 400 V per NO contact rated value	4 kW
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor	0.7 W
No-load switching frequency	
• at AC	10 000 1/h
● at DC	10 000 1/h
Operating frequency	
• at AC-1 maximum	1 000 1/h
Control circuit/ Control	
Type of voltage of the control supply voltage	AC
Control supply voltage at AC	
• at 50 Hz rated value	42 V
• at 60 Hz rated value	42 V
Operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
Apparent pick-up power of magnet coil at AC	27 V·A
● at 50 Hz	27 V·A
● at 60 Hz	24.3 V·A

Inductive power factor with closing power of the coil	0.8
• at 50 Hz	0.8
• at 60 Hz	0.75
Apparent holding power of magnet coil at AC	4.2 V·A
● at 50 Hz	4.2 V·A
• at 60 Hz	3.3 V·A
Inductive power factor with the holding power of the coil	0.25
• at 50 Hz	0.25
• at 60 Hz	0.25
Closing delay	
• at AC	9 35 ms
Opening delay	
• at AC	3.5 14 ms
Arcing time	10 15 ms
Residual current of the electronics for control with signal <0>	
• at AC at 230 V maximum permissible	0.003 A
Auxiliary circuit	
Number of NC contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	0
Number of NO contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	0
Operating current at AC-12 maximum	10 A
Operating current at AC-15	
• at 230 V rated value	10 A
• at 400 V rated value	3 A
Operating current at DC-12	
• at 48 V rated value	6 A
• at 60 V rated value	6 A
• at 110 V rated value	3 A
• at 125 V rated value	2 A
• at 220 V rated value	1 A
• at 600 V rated value	0.15 A
Operating current at DC-13	
• at 24 V rated value	10 A
• at 48 V rated value	2 A
• at 60 V rated value	2 A
• at 110 V rated value	1 A
• at 220 V rated value	0.3 A
• at 600 V rated value	0.1 A
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)

UL/CSA ratings				
Yielded mechanical performance [hp]				
<ul> <li>for single-phase AC motor</li> </ul>				
— at 110/120 V rated value	0.33 hp			
— at 230 V rated value	1 hp			
Contact rating of auxiliary contacts according to UL	A600 / Q600			
Short-circuit protection				
Design of the fuse link				
<ul> <li>for short-circuit protection of the main circuit</li> </ul>				
— with type of coordination 1 required	gG: 35 A (690 V, 100 kA)			
— with type of assignment 2 required	gG: 20A (690V, 100kA)			
<ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>	fuse gG: 10 A			
required				
nstallation/ 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			
<ul> <li>Side-by-side mounting</li> </ul>	Yes			
Height	57.5 mm			
Width	45 mm			
Depth	73 mm			
Required spacing				
<ul> <li>with side-by-side mounting</li> </ul>				
— forwards	0 mm			
— Backwards	0 mm			
— upwards	0 mm			
— downwards	0 mm			
— at the side	0 mm			
<ul> <li>for grounded parts</li> </ul>				
— forwards	0 mm			
— Backwards	0 mm			
— upwards	0 mm			
— at the side	6 mm			
— downwards	0 mm			
• for live parts				
— forwards	0 mm			
— Backwards	0 mm			
— upwards	0 mm			
— downwards	0 mm			
dominaldo				

— at the side	6 mm		
Connections/Terminals			
Type of electrical connection			
<ul> <li>for main current circuit</li> </ul>	screw-type terminals		
<ul> <li>for auxiliary and control current circuit</li> </ul>	screw-type terminals		
Type of connectable conductor cross-sections			
<ul> <li>for main contacts</li> </ul>			
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²		
— single or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²		
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>at AWG conductors for main contacts</li> </ul>	2x (20 16), 2x (18 14), 2x 12		
Type of connectable conductor cross-sections			
<ul> <li>for auxiliary contacts</li> </ul>			
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²		
— single or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²		
- finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>at AWG conductors for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14), 2x 12		
AWG number as coded connectable conductor cross	20 12		
section for main contacts			
Safety related data			
Product function			
<ul> <li>Mirror contact acc. to IEC 60947-4-1</li> </ul>	Yes; with 3RH29		
<ul> <li>positively driven operation acc. to IEC 60947-5-</li> <li>1</li> </ul>	No		
T1 value for proof test interval or service life acc. to IEC 61508	20 у		
Protection against electrical shock	finger-safe		
Certificates/approvals			

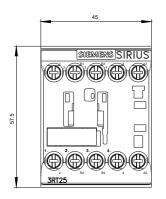
General Produc	t Approval			Functional Safety/Safety of Machinery	Declaration of Conformity
	CSA		EHC	Type Examination	EG-Konf.
Test Certific- ates	Marine / Ship	oping			
Type Test Certific- ates/Test Report	ABS	B U R E A U VERITAS	GL	Lloyd's Register LRS	PRS
Marine / Shipping other					
RINA	RMRS	DNV-GL	Confirmation	VDE	
<sup>-</sup> urther information					
Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/industrial-controls/catalogs					
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2516-1AD00					
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2516-1AD00					

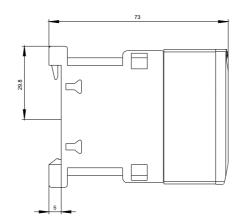
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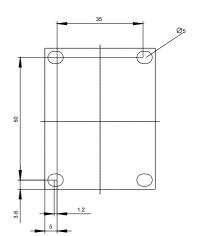
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2516-1AD00&lang=en

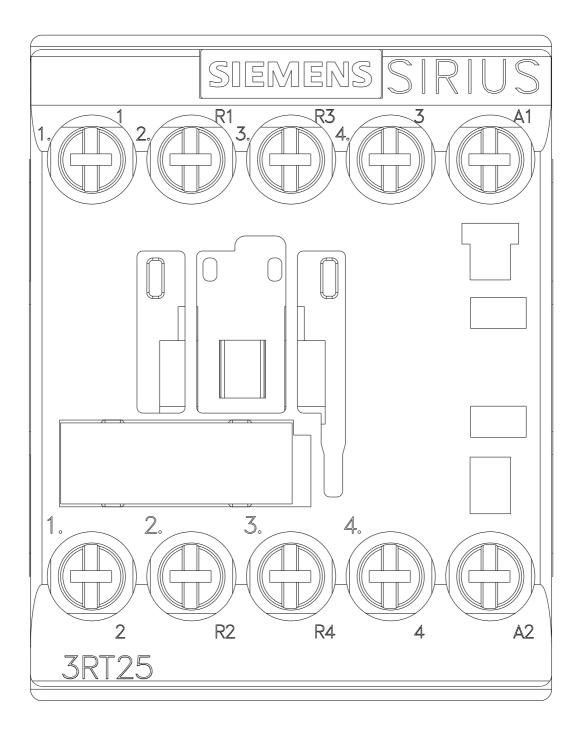
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2516-1AD00/char

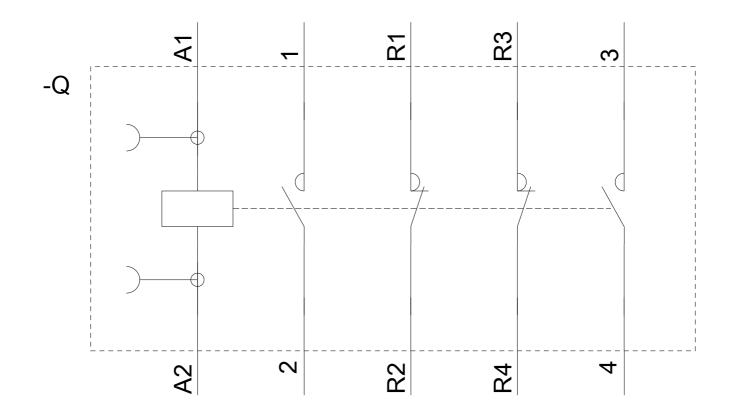
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2516-1AD00&objecttype=14&gridview=view1











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