# **SIEMENS**

## Data sheet

## 3RT2526-1AP60

Power contactor, AC-3 25 A, 11 kW / 400 V 2 NO + 2 NC 220 V AC, 50 Hz 240 V, 60 Hz 4-pole Size S0 Screw terminal 1 NO + 1 NC integrated



Product brand name	SIRIUS
Product designation	contactor
Product type designation	3RT25
General technical data	
Size of contactor	SO
Product extension	
<ul> <li>function module for communication</li> </ul>	No
<ul> <li>Auxiliary switch</li> </ul>	Yes
Insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
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 60947-1</li> </ul>	400 V

Protection class IP on the front interiminal iP20 interminal iP20 iP20 interminal iP20 iP20 interminal iP20 iP20 iP20 iP20 iP20 iP20 iP20 iP20				
a bot of the terminal     IP20       Shock resistance at rectangular impulse     a.3g / 5 ms. 5.3g / 10 ms       a t AC     3.5g / 5 ms. 8.3g / 10 ms       Shock resistance with sine pulse     a.3g / 5 ms. 8.3g / 10 ms       a t AC     13.5g / 5 ms. 8.3g / 10 ms       Mechanical service life (witching cyclee)     0 000 000       of the contactor with added electronics-     5 000 000       compatible auxiliary switch block typical     10 000 000       of the contactor with added auxiliary switch block typical     10 000 000       efforence code acc. to DIN EN 81346-2     Q       Ambient temperature     0       • ad ing operation     -25 +60 °C       • during storage     -55 +60 °C       • at AC = 1     - up to 690 V at ambient temperature 60 °C       • at AC = 1     - up to 690 V at ambient temperature 60 °C       •	Protection class IP			
Shock resistance at rectangular impulse         at AC         8,3g / 5 ms, 5,3g / 10 ms           Shock resistance with sine pulse         13,5g / 5 ms, 8,3g / 10 ms           • at AC         13,5g / 5 ms, 8,3g / 10 ms           Mechanical service life (switching cycles)         10 000 000           • of 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 81345-2         Q           Ventionation attruted at height above see level         •           • maximum         2 000 m           Ambient temperature         -           • during operation         -25 +60 °C           • during storage         -55 +80 °C           Value of NC contacts for main contacts         2           Number of NC contacts for main contacts         2           Venter of NC contacts for main contacts         2           • at AC-1         -           • up to 680 V at ambient temperature 40 °C         40 A           • at AC-2 at AC-3 at 400 V         -           - per NC contact rated value         35 A           • at AC-2 at AC-3 at 400 V         -           - per NC contact rated value         25 A           - p	• on the front	IP20		
• at AC8,3g / 5 ms, 5,3g / 10 msShock resistance with sine pulse • at AC13,5g / 5 ms, 8,3g / 10 msMechanical service life (switching cycles) • of contactor yipical10 000 000• of the contactor with added electronics- compatible auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch 	• of the terminal	IP20		
Shock resistance with sine pulse       13.5g / 5 ms, 8.3g / 10 ms         • at AC       13.5g / 5 ms, 8.3g / 10 ms         Machanical service life (switching cycles)       10 000 000         • of contactor typical       5000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       0         Reference code aco. to DIN EN 81346-2       Q         Ambient temperature       2 000 m         • during operation       -25 +60 °C         • at AC-1       4         - up to 690 V at ambient temperature 60 °C       35 A         • at AC-2 at AC-3 at 400 V       -         - per NC contact rated value       25 A         • at AC-2 at AC-3 at 400 V       25 A	Shock resistance at rectangular impulse			
• at AC13,5g / 5 ms, 8,3g / 10 msMechanical service life (ewitching cycles) • of contactor typical10 000 000• of the contactor with adde dectronics- compatible auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical000 000Reference code acc. to DIN EN 81346-2Q• during operation2 000 mAmbient temperature • during operation2 000 m• during operation • during strage2 000 mAmbient temperature • during operation2 000 m• during operation • during strage2 000 mAmbient temperature • during operation • during operation2 000 m• during operation • during operation2 000 m• during operation • during strage2 000 m• during operation • during operation <br< td=""><td>● at AC</td><td colspan="3">8,3g / 5 ms, 5,3g / 10 ms</td></br<>	● at AC	8,3g / 5 ms, 5,3g / 10 ms		
Mechanical service life (switching cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronics- compatible auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         Reference code acc. to DIN EN 81346-2       Q         vmblent conditions       2 000 m         Installation altitude at height above sea level       •         • maximum       2 000 m         Ambient temperature       •         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Atlin circuit       4         Number of NO contacts for main contracts       2         Number of NC contacts for main contacts       2         Operating current       • at AC-1         • up to 690 V at ambient temperature 60 °C       35 A         rated value       25 A         • at AC-2 at AC-3 at 400 V       25 A         • per NC contact rated value       25 A         • per NC contact rated value       25 A         • at AC-2 at AC-3 at 400 V       -         • at AC-2 at AC-3 at 400 V       -         • at AC-1 rated value       25 A         • at aximum AC-1 rated value </td <td>Shock resistance with sine pulse</td> <td></td>	Shock resistance with sine pulse			
<ul> <li>of contactor typical</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>of the contactor with added auxiliary switch block typical</li> <li>Reference code acc. to DIN EN 81346-2</li> <li>Q</li> <li>Installation atitude at height above sea level</li> <li>maximum</li> <li>Ambient temperature</li> <li>during operation</li> <li>-25 +60 °C</li> <li>during storage</li> <li>-55 +60 °C</li> <li>during storage</li> <li>-55 +60 °C</li> <li>during storage</li> <li>-55 +60 °C</li> <li>during storage</li> <li>-25 +60 °C</li> <li>-460 °C</li> <li>- 460 °C</li> <li>- 40 °C</li> <li>- 40</li></ul>	● at AC	13,5g / 5 ms, 8,3g / 10 ms		
e of the contactor with added electronics- compatible auxiliary switch block typical     5 000 000       e of the contactor with added auxiliary switch block typical     10 000 000       Reference code acc. to DIN EN 81346-2     Q       unblent conditions     Q       Installation altitude at height above sea level     Q       • during operation     2000 m       Ambient temperature     -       • during operation     -25 +60 °C       • during storage     -55 +60 °C       • during storage     -55 +60 °C       • during operation     -25 +60 °C       • during storage     -55 +60 °C       • at AC-1     -       • up to 690 V at ambient temperature 40 °C     -       • at AC-2 at AC-3 at 400 V     -       • per NC contact rated value     25 A       • at AC-2 at AC-3 at 400 V	Mechanical service life (switching cycles)			
compatible auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000Reference code acc. to DIN EN 81346-2Q• maximum2 000 m• maximum2 000 m• Ambient temperature • during operation-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °CVamber of Poles for main contacts2Number of NC contacts for main contacts2• at AC-1 • at AC-1 • up to 690 V at ambient temperature 60 °C rated value40 A• at AC-1 • up to 690 V at ambient temperature 60 °C rated value35 A• at AC-1 • per NC contact rated value25 A• at AC-2 at AC-3 at 400 V • per NC contact rated value25 A• at AC-3 rated value10 mm²• at AC-3 rated value25 A• at AC-3 rated value10 mm²• at aximum AC-1 rated value35 A• at AC-1 rated value35 A• at AC-1 rated value35 A• at 10 V rated value35 A• at 10 V rated value35 A• at 220 V rated value35 A• at 10 V rated value35 A• at 40 V rated value40 A• at 40 V rated value40 A	<ul> <li>of contactor typical</li> </ul>	10 000 000		
block typical         control           Reference code acc. to DIN EN 81346-2         Q           Installation altitude at height above sea level • maximum         2 000 m           Ambient temperature • during operation         -25 +60 °C           • during storage         -55 +80 °C           Ambient of NO contacts for main current circuit         4           Number of NC 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 60 °C rated value • at AC-2 at AC-3 at 400 V - per NC contact rated value         35 A           • at AC-2 at AC-3 at 400 V - per NC contact rated value         25 A           • at maximum accoss-section in main circuit • at maximum AC-1 rated value         10 mm <sup>a</sup> • at maximum AC-1 rated value         35 A           • at 110 V rated value         35 A           • at 110 V rated value         35 A		5 000 000		
Installation altitude at height above sea level       2000 m         Installation altitude at height above sea level       2000 m         Ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Minber 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       40 A         rated value       - up to 690 V at ambient temperature 60 °C         - up to 690 V at ambient temperature 60 °C       35 A         rated value       25 A         - per NO contact rated value       25 A         - per NC contact rated value       25 A         Minimum cross-section in main circuit       -         • at maximum AC-1 rated value       10 mm²         Operating current       -         • at maximum AC-1 rated value       35 A         - at 24 V rated value       4.5 A         - at 110 V rated value       1A         - at 420 V rated value       4.5 A         - at 440 V rated value       0.4 A	-	10 000 000		
Installation attitude at height above sea level • maximum 2 000 m Ambient temperature • during operation -25 +60 °C • during storage -55 +80 °C Main circuit 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 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 25 A — per NC contact rated value 25 A Minimum cross-section in main circuit • at maximum AC-1 rated value 10 mm² Operating current • at 1 current path at DC-1 — at 24 V rated value 4.5 A — at 120 V rated value 1A — at 400 V rated value 1A — at 440 V rated value 0.4 A	Reference code acc. to DIN EN 81346-2	Q		
Installation attitude at height above sea level • maximum 2 000 m Ambient temperature • during operation 25 +60 °C • during storage -55 +80 °C Main circuit 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 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 25 A — per NC contact rated value 25 A Minimum cross-section in main circuit • at maximum AC-1 rated value 10 mm² Operating current • at 1 current path at DC-1 — at 24 V rated value 4.5 A — at 100 V rated value 1A — at 400 V rated value 1A — at 400 V rated value 1A — at 440 V rated value 0.4 A	Ambient conditions			
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• during storage-25 +60 °C -55 +80 °CAline creat-55 +80 °CNumber of poles for main current circuit4Number of NO contacts for main contacts2Number of NO contacts for main contacts2Operating current • at AC-1 • up to 690 V at ambient temperature 40 °C rated value40 A• at AC-2 • at AC-2 at AC-3 at 400 V • per NO contact rated value25 A• at AC-2 at AC-3 at 400 V • at maximum AC-1 rated value25 A• at aximum AC-1 rated value10 mm²• at 1 current path at DC-1 • at 1 current path at DC-1 • at 110 V rated value35 A• at 1 current path at DC-1 • at 120 V rated value35 A• at 10 V rated value35 A• at 110 V rated value40 A• at 120 V rated value40 A• at 440 V rated value40 A	-	2 000 m		
• during storage-55 +80 °CMain circuit4Number of poles for main current circuit4Number of NC contacts for main contacts2Number of NC contacts for main contacts2Operating current40 A• at AC-140 A- up to 690 V at ambient temperature 40 °C40 A- up to 690 V at ambient temperature 60 °C35 A- rated value35 A• at AC-2 at AC-3 at 400 V25 A- per NC contact rated value25 AMinimum cross-section in main circuit10 mm²• at maximum AC-1 rated value35 A- at 24 V rated value35 A- at 110 V rated value35 A- at 440 V rated value0.4 A	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       2         • at AC-1       -         - up to 690 V at ambient temperature 40 °C       40 A         rated value       35 A         - up to 690 V at ambient temperature 60 °C       35 A         rated value       25 A         - per NO contact rated value       25 A         - per NO contact rated value       25 A         - per NC contact rated value       10 mm²         Operating current       10 mm²         • at maximum AC-1 rated value       35 A         - at 24 V rated value       40 A         - at 110 V rated value       35 A         - at 20 V rated value       1A         - at 400 V rated value       1A         - at 400 V rated value       0.4 A	<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 °C40 A- up to 690 V at ambient temperature 60 °C rated value35 A- up to 690 V at ambient temperature 60 °C rated value35 A- up to 690 V at ambient temperature 60 °C rated value35 A- up to 690 V at ambient temperature 60 °C rated value35 A- up to 690 V at ambient temperature 60 °C rated value35 A- per NC contact rated value — per NC contact rated value25 AMinimum cross-section in main circuit • at maximum AC-1 rated value10 mm²Operating current • at 1 current path at DC-1 — at 24 V rated value35 A- at 210 V rated value35 A- at 210 V rated value1A- at 220 V rated value0.4 A	• during storage			
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Number of NC contacts for main contacts2Number of NC contacts for main contacts2Operating current2• at AC-1- up to 690 V at ambient temperature 40 °C40 A- up to 690 V at ambient temperature 60 °C35 A- up to 690 V at ambient temperature 60 °C35 A- up to 690 V at ambient temperature 60 °C25 A- up to Contact rated value25 A- per NC contact rated value25 A- per NC contact rated value10 mm²• at maximum AC-1 rated value35 A• at 1 current path at DC-135 A- at 24 V rated value35 A- at 110 V rated value4.5 A- at 220 V rated value1 A- at 440 V rated value1 A- at 440 V rated value0.4 A		1		
Number of NC contacts for main contacts2Operating current • at AC-140 A- up to 690 V at ambient temperature 40 °C rated value40 A- up to 690 V at ambient temperature 60 °C rated value35 A- up to 690 V at ambient temperature 60 °C rated value35 A- up to 690 V at ambient temperature 60 °C rated value25 A- per NO contact rated value25 A- per NC contact rated value25 AMinimum cross-section in main circuit • at maximum AC-1 rated value10 mm²Operating current • at 1 current path at DC-1 - at 24 V rated value35 A- at 110 V rated value35 A- at 220 V rated value1 A- at 440 V rated value0.4 A	-			
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- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- up to 690 V at ambient temperature 60 °C- per NC contact rated value- at 1 current path at DC-1- at 24 V rated value- at 110 V rated value- at 120 V rated value- at 220 V rated value- at 220 V rated value- at 440 V rated value				
<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> <li>at AC-2 at AC-3 at 400 V</li> <li>per NO contact rated value</li> <li>per NC contact rated value</li> <li>25 A</li> </ul> </li> <li>minimum cross-section in main circuit</li> <li>at maximum AC-1 rated value</li> <li>10 mm<sup>2</sup></li> <li>Operating current         <ul> <li>at 1 current path at DC-1</li> <li>at 24 V rated value</li> <li>35 A</li> <li>at 10 V rated value</li> <li>AA</li> <li>AA</li> <li>AA</li> </ul> </li> </ul>		-		
rated value35 A- up to 690 V at ambient temperature 60 °C35 Arated value25 A- per NO contact rated value25 A- per NC contact rated value25 AMinimum cross-section in main circuit• at maximum AC-1 rated value10 mm²Operating current• at 1 current path at DC-1- at 24 V rated value35 A- at 110 V rated value4.5 A- at 440 V rated value1A- at 440 V rated value0.4 A				
rated value• at AC-2 at AC-3 at 400 V- per NO contact rated value25 A- per NC contact rated value25 AMinimum cross-section in main circuit• at maximum AC-1 rated value10 mm²Operating current• at 1 current path at DC-1- at 24 V rated value35 A- at 110 V rated value4.5 A- at 220 V rated value1 A- at 440 V rated value0.4 A	— up to 690 V at ambient temperature 40 °C	40 A		
per NO contact rated value25 Aper NC contact rated value25 AMinimum cross-section in main circuit10 mm²• at maximum AC-1 rated value10 mm²Operating currentat 1 current path at DC-1at 24 V rated value35 Aat 110 V rated value4.5 Aat 220 V rated value1 Aat 440 V rated value0.4 A		35 A		
per NC contact rated value25 AMinimum cross-section in main circuit • at maximum AC-1 rated value10 mm²Operating current • at 1 current path at DC-1 at 24 V rated value35 A at 24 V rated value4.5 A at 220 V rated value1 A at 440 V rated value0.4 A	• at AC-2 at AC-3 at 400 V			
Minimum cross-section in main circuit10 mm²• at maximum AC-1 rated value10 mm²Operating current- at 1 current path at DC-1- at 24 V rated value35 A- at 110 V rated value4.5 A- at 220 V rated value1 A- at 440 V rated value0.4 A	— per NO contact rated value	25 A		
• at maximum AC-1 rated value10 mm²Operating current	— per NC contact rated value	25 A		
Operating current• at 1 current path at DC-1- at 24 V rated value35 A- at 110 V rated value4.5 A- at 220 V rated value1 A- at 440 V rated value0.4 A	Minimum cross-section in main circuit			
<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>4.5 A</li> <li>at 220 V rated value</li> <li>1 A</li> <li>at 440 V rated value</li> <li>0.4 A</li> </ul>	• at maximum AC-1 rated value	10 mm <sup>2</sup>		
at 24 V rated value35 A at 110 V rated value4.5 A at 220 V rated value1 A at 440 V rated value0.4 A	Operating current			
at 110 V rated value4.5 A at 220 V rated value1 A at 440 V rated value0.4 A	• at 1 current path at DC-1			
— at 220 V rated value1 A— at 440 V rated value0.4 A	— at 24 V rated value	35 A		
— at 440 V rated value 0.4 A	— at 110 V rated value	4.5 A		
		1 Δ		
	— at 220 V rated value			

— at 24 V rated value	35 A		
— at 110 V rated value	35 A		
— at 220 V rated value	5 A		
— at 440 V rated value	1 A		
Operating current			
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>			
— at 24 V per NC contact rated value	20 A		
— at 24 V per NO contact rated value	20 A		
— at 110 V per NC contact rated value	1.25 A		
— at 110 V per NO contact rated value	2.5 A		
— at 220 V per NC contact rated value	0.5 A		
— at 220 V per NO contact rated value	1 A		
— at 440 V per NC contact rated value	0.045 A		
— at 440 V per NO contact rated value	0.09 A		
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>			
— at 24 V per NC contact rated value	35 A		
— at 24 V per NO contact rated value	35 A		
— at 110 V per NC contact rated value	7.5 A		
— at 110 V per NO contact rated value	15 A		
— at 220 V per NC contact rated value	1.5 A		
— at 220 V per NO contact rated value	3 A		
— at 440 V per NC contact rated value	0.135 A		
— at 440 V per NO contact rated value	0.27 A		
Operating power			
• at AC-1			
— at 230 V rated value	15 kW		
— at 400 V rated value	26 kW		
• at AC-2 at AC-3			
— at 230 V per NC contact rated value	5.5 kW		
— at 230 V per NO contact rated value	5.5 kW		
— at 400 V per NC contact rated value	11 kW		
— at 400 V per NO contact rated value	11 kW		
Short-time withstand current in cold operating state up to 40 °C			
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	200 A; Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	200 A; Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	200 A; Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	128 A; Use minimum cross-section acc. to AC-1 rated value		

<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	106 A; Use minimum cross-section acc. to AC-1 rated value		
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor	1.6 W		
No-load switching frequency			
• at AC	5 000 1/h		
• at DC	1 500 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	220 V		
• at 60 Hz rated value	240 V		
Operating range factor control supply voltage rated value of magnet coil at AC			
● at 50 Hz	0.8 1.1		
• at 60 Hz	0.8 1.1		
Apparent pick-up power of magnet coil at AC	87 V·A		
● at 50 Hz	87 V·A		
• at 60 Hz	87 V·A		
Inductive power factor with closing power of the coil	0.82		
● at 50 Hz	0.76		
• at 60 Hz	0.76		
Apparent holding power of magnet coil at AC	9.4 V·A		
● at 50 Hz	9.4 V·A		
• at 60 Hz	9.4 V·A		
Inductive power factor with the holding power of the coil	0.28		
• at 50 Hz	0.28		
• at 60 Hz	0.28		
Closing delay			
• at AC	8 40 ms		
Opening delay			
• at AC	4 16 ms		
Arcing time	10 10 ms		
Residual current of the electronics for control with signal <0>			
• at AC at 230 V maximum permissible	0.007 A		
Auxiliary circuit			
Number of NC contacts for auxiliary contacts			
<ul> <li>instantaneous contact</li> </ul>	1		

Number of NO contacts for auxiliary contacts			
<ul> <li>instantaneous contact</li> </ul>	1		
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		
• at 500 V rated value	2 A		
• at 690 V rated value	1 A		
Operating current at DC-12			
• at 24 V rated value	10 A		
• 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 125 V rated value	0.9 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	2 hp		
— at 230 V rated value	3 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: 63 A (690 V, 100 kA)		
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 35 A (690 V, 50 kA)		
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	fuse 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		
<ul> <li>Side-by-side mounting</li> </ul>	Yes		
Height	85 mm		
Width	61 mm		
Depth	97 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		
<ul> <li>for live parts</li> </ul>			
— forwards	0 mm		
— Backwards	0 mm		
— upwards	0 mm		
— downwards	0 mm		
— at the side	6 mm		
Connections/ Terminals			
Type of electrical connection	acrow two terminals		
• for main current circuit	screw-type terminals		
• for auxiliary and control current circuit	screw-type terminals		
Type of connectable conductor cross-sections			
for main contacts			
— solid	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )		
— single or multi-stranded	2x (1 2,5 mm <sup>2</sup> ), 2x (2,5 10 mm <sup>2</sup> )		
<ul> <li>— finely stranded with core end processing</li> </ul>	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 6 mm <sup>2</sup> ), 1x 10 mm <sup>2</sup>		
• at AWG conductors for main contacts	2x (16 12), 2x (14 8)		
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)		

— single or multi-stranded

2x (0,5 ... 1,5 mm<sup>2</sup>), 2x (0,75 ... 2,5 mm<sup>2</sup>)

<ul> <li>finely stranded with core end processing</li> <li>at AWG conductors for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section for main contacts</li> </ul>		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) 16 8		
Safety related data				
Product function				
<ul> <li>Mirror contact acc. to IEC 60947-4</li> </ul>	-1	Yes		
<ul> <li>positively driven operation acc. to</li> </ul>	IEC 60947-5-	No		
T1 value for proof test interval or service IEC 61508	e life acc. to	20 у		
Protection against electrical shock		finger-safe		
Certificates/ approvals				
General Product Approval			EMC	Functional Safety/Safety of Machinery
		EHC	RCM	<u>Type Examination</u> <u>Certificate</u>
Declaration of Conformity	Test Certi	ficates	Marine / Shipp	ing
Miscellaneous EG-Konf.	Type Test Ce ates/Test Re		ABS	B U R E A U VERITAS
Marine / Shipping			other	
LRS RINA	RMRS	MARKOVED PRODUCE	Confirmation	VDE
Further information				
Information- and Downloadcenter (Catal www.siemens.com/ic10 Industry Mall (Online ordering system)	ogs, Brochures	5,)		

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2526-1AP60

#### Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2526-1AP60

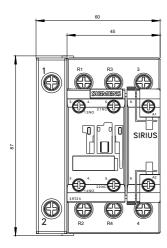
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2526-1AP60

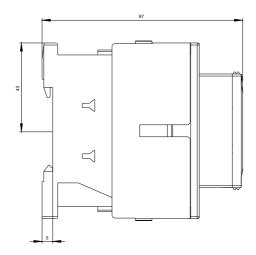
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2526-1AP60&lang=en

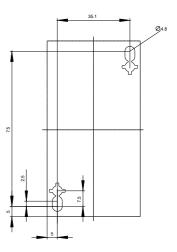
### Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

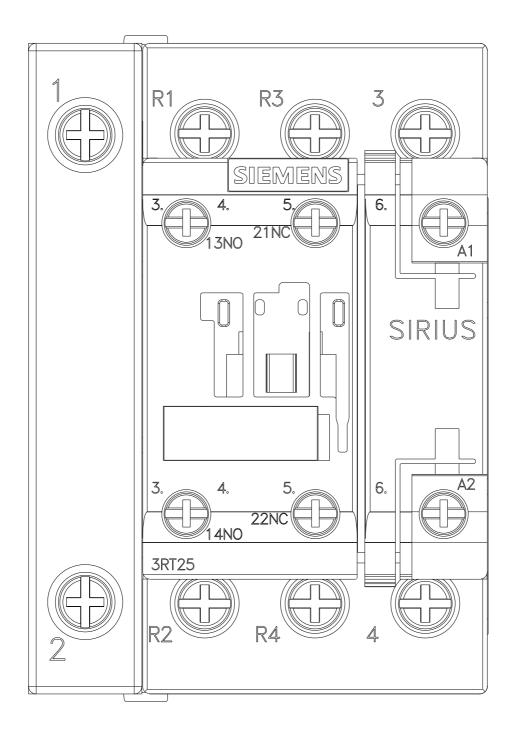
https://support.industry.siemens.com/cs/ww/en/ps/3RT2526-1AP60/char

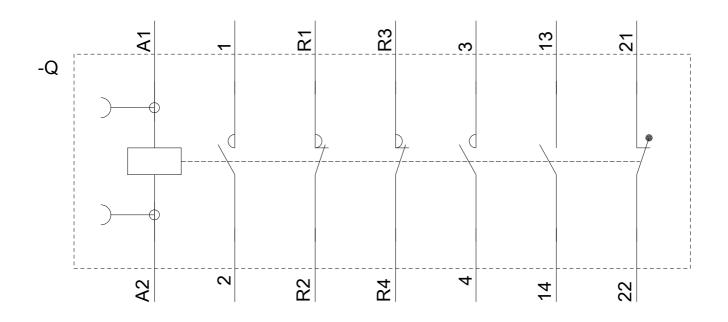
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2526-1AP60&objecttype=14&gridview=view1











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