## **SIEMENS**

Data sheet 3RT2526-1BM40



Power contactor, AC-3 25 A, 11 kW / 400 V 2 NO + 2 NC 220 V DC, 50 Hz 4-pole size S0 screw terminals 1 NO + 1 NC integrated

product brand name	SIRIUS
product designation	contactor
product type designation	3RT25
General technical data	
size of contactor	S0
product extension	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	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
of auxiliary circuit rated value	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (switching cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
of the contactor with added auxiliary switch block typical	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul><li>during operation</li></ul>	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	4
number of NO contacts for main contacts	2

operational current  ■ it AC-1 up to 980 V  — at a mibbent temperature 40 °C rated value — at AC-2 at AC-3 at 40.0 V  — per NO contact rated value — at 24 V rated value — at 10 V rated value — at 10 V rated value — at 120 V rated value — at 40 V per NO contact rated value — at 40 V per NO contact rated value — at 10 V per NO contact rated value — at 10 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 220 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO contact rated value — at 440 V per NO con	number of NC contacts for main contacts	2
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- at 110 V per NC contact rated value - at 110 V per NC contact rated value - at 220 V per NC contact rated value - at 220 V per NC contact rated value - at 220 V per NC contact rated value - at 440 V per NC contact rated value - at 440 V per NC contact rated value - at 440 V per NC contact rated value - at 420 V per NC contact rated value - at 420 V per NC contact rated value - at 430 V per NC contact rated value - at 400 V per NC contact rated	<ul> <li>— at 24 V per NC contact rated value</li> </ul>	35 A
- at 110 V per NO contact rated value - at 220 V per NC contact rated value - at 220 V per NC contact rated value - at 220 V per NO contact rated value - at 440 V per NC contact rated value - at 440 V per NC contact rated value - at 440 V per NC contact rated value - at 230 V per NC contact rated value - at 230 V per NC contact rated value - at 230 V per NC contact rated value - at 400 V per NC contact rated value - at 230 V per NC contact rated value - at 400 A; Use minimum cross-section acc. to AC-1 rated value - at 40	<ul> <li>— at 24 V per NO contact rated value</li> </ul>	35 A
- at 220 V per NC contact rated value - at 220 V per NO contact rated value - at 440 V per NC contact rated value 0.135 A 0.27 A  operating power at AC-2 at AC-3 • at 230 V per NC contact rated value • at 230 V per NC contact rated value • at 440 V per NC contact rated value • at 440 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum  power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor  no-load switching frequency • at AC-1 maximum  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  107 A  108 A; Use minimum cross-section acc. to AC-1 rated value  107 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rated value  109 A; Use minimum cross-section acc. to AC-1 rate	<ul> <li>— at 110 V per NC contact rated value</li> </ul>	7.5 A
- at 220 V per NO contact rated value - at 440 V per NC contact rated value 0.135 A 0.27 A  operating power at AC-2 at AC-3 • at 230 V per NC contact rated value • at 230 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value  Inimited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s swit	<ul> <li>— at 110 V per NO contact rated value</li> </ul>	15 A
- at 440 V per NC contact rated value    - at 440 V per NO contact rated value Operating power at AC-2 at AC-3    • at 230 V per NC contact rated value    • at 230 V per NC contact rated value    • at 400 V per NC contact rated value    • at 400 V per NC contact rated value    • at 400 V per NC contact rated value    • at 400 V per NC contact rated value    • at 400 V per NC contact rated value    • at 400 V per NC contact rated value    • at 400 V per NC contact rated value    • limited to 1 s switching at zero current maximum    • limited to 5 s switching at zero current maximum    • limited to 10 s switching at zero current maximum    • limited to 30 s switching at zero current maximum    • limited to 60 s switchi	<ul> <li>— at 220 V per NC contact rated value</li> </ul>	1.5 A
operating power at AC-2 at AC-3  • at 230 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • at 400 V per NC contact rated value • limited to 1 s switching at zero current maximum • limited to 1 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s	<ul> <li>— at 220 V per NO contact rated value</li> </ul>	3 A
operating power at AC-2 at AC-3     o at 230 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 400 V per NC contact rated value     o at 40 °C     o limited to 1 s switching at zero current maximum     o limited to 5 s switching at zero current maximum     o limited to 10 s switching at zero current maximum     o limited to 30 s switching at zero current maximum     o limited to 60 s switching at z	·	0.135 A
<ul> <li>at 230 V per NC contact rated value</li> <li>at 230 V per NO contact rated value</li> <li>at 400 V per NC contact rated value</li> <li>at 400 V per NO contact rated value</li> <li>at 400 V per NO contact rated value</li> <li>11 kW</li> <li>short-time withstand current in cold operating state up to 40 °C</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60</li></ul>	— at 440 V per NO contact rated value	0.27 A
at 230 V per NO contact rated value at 400 V per NC contact rated value at 400 V per NO contact rated value  at 400 V per NO contact rated value  short-time withstand current in cold operating state up to 40 °C  ilimited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero	operating power at AC-2 at AC-3	
<ul> <li>at 400 V per NC contact rated value</li> <li>at 400 V per NO contact rated value</li> <li>short-time withstand current in cold operating state up to 40 °C</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor</li> <li>no-load switching frequency</li> <li>at AC</li> <li>at DC</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-1 maximum</li> <li>1 000 1/h</li> <li>Control circuit/ Control</li> <li>type of voltage of the control supply voltage</li> </ul>	<ul> <li>at 230 V per NC contact rated value</li> </ul>	5.5 kW
• at 400 V per NO contact rated value  short-time withstand current in cold operating state up to 40 °C  • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum  128 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  128 A; Use minimum cross-section acc. to AC-1 rated value  169 A; Use minimum cross-section acc. to AC-1 rated value  170 A; Use minimum cross-section acc. to AC-1 rated value  180 A; Use minimum cross-section acc. to AC-	<ul> <li>at 230 V per NO contact rated value</li> </ul>	5.5 kW
short-time withstand current in cold operating state up to 40 °C  • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum 106 A; Use minimum cross-section acc. to AC-1 rated value 128 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 107 A; Use minimum cross-section acc. to AC-1 rated value 108 A; Use minimum cross-section acc. to AC-1 rated value 108 A; Use minimum cross-section acc. to AC-1 rated value 108 A; Use minimum cross-section acc. to AC-1 rated value 108 A; Use minimum cross-section acc. to AC-1 rated value 108 A; Use minimum cross-section acc. to AC-1 rated value	<ul> <li>at 400 V per NC contact rated value</li> </ul>	7.5 kW
up to 40 °C  • limited to 1 s switching at zero current maximum  • limited to 5 s switching at zero current maximum  • limited to 10 s switching at zero current maximum  • limited to 10 s switching at zero current maximum  • limited to 30 s switching at zero current maximum  • limited to 60 s switching at zero current maximum  • limited to 60 s switching at zero current maximum  • limited to 60 s switching at zero current maximum  • limited to 60 s switching at zero current maximum  • limited to 60 s switching at zero current maximum  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  106 A; Use minimum cross-section acc. to AC-1 rated value  107 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-section acc. to AC-1 rated value  108 A; Use minimum cross-secti		11 kW
<ul> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>128 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc.</li> <li>106 A; Use minimum cross-section acc.</li></ul>		
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor</li> <li>no-load switching frequency</li> <li>at AC</li> <li>at DC</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-1 maximum</li> <li>at AC-1 maximum</li> <li>1 000 1/h</li> <li>Control circuit/ Control</li> <li>type of voltage of the control supply voltage</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> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor</li> <li>no-load switching frequency</li> <li>at AC</li> <li>at DC</li> <li>oerating frequency</li> <li>at AC-1 maximum</li> <li>at AC-1 maximum</li> <li>1 000 1/h</li> <li>Control circuit/ Control</li> <li>type of voltage of the control supply voltage</li> </ul>	_	
<ul> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor</li> <li>no-load switching frequency         <ul> <li>at AC</li> <li>at DC</li> </ul> </li> <li>operating frequency         <ul> <li>at AC-1 maximum</li> <li>1000 1/h</li> </ul> </li> <li>Control circuit/ Control</li> <li>type of voltage of the control supply voltage</li> </ul>	_	
• limited to 60 s switching at zero current maximum  power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor  no-load switching frequency     • at AC     • at DC  operating frequency     • at AC-1 maximum  106 A; Use minimum cross-section acc. to AC-1 rated value  1.6 W  5 000 1/h  1 500 1/h  1 500 1/h  Control circuit/ Control  type of voltage of the control supply voltage  DC		
power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor  no-load switching frequency		
operational current per conductor  no-load switching frequency  • at AC  • at DC  operating frequency  • at AC-1 maximum  1 000 1/h  Control circuit/ Control  type of voltage of the control supply voltage  DC	<del>-</del>	
<ul> <li>at AC</li> <li>at DC</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>1 000 1/h</li> <li>Control circuit/ Control</li> <li>type of voltage of the control supply voltage</li> <li>DC</li> </ul>		
at DC     operating frequency     at AC-1 maximum     1 000 1/h  Control circuit/ Control type of voltage of the control supply voltage  DC	no-load switching frequency	
operating frequency  • at AC-1 maximum  1 000 1/h  Control circuit/ Control  type of voltage of the control supply voltage  DC	• at AC	5 000 1/h
• at AC-1 maximum  1 000 1/h  Control circuit/ Control  type of voltage of the control supply voltage  DC	• at DC	1 500 1/h
Control circuit/ Control  type of voltage of the control supply voltage  DC	operating frequency	
type of voltage of the control supply voltage DC	at AC-1 maximum	1 000 1/h
type of voltage of the control supply voltage DC	Control circuit/ Control	
		DC
	control supply voltage at DC	

• rated value	220 V
• rated value	220 V
operating range factor control supply voltage rated value of magnet coil at DC	
• initial value	0.8
• full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	3.8 W
• at DC	50 170 ms
	30 170 IIIS
opening delay  ● at DC	15 18 ms
arcing time	10 10 ms
Auxiliary circuit	10 10 1115
	4
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
<ul> <li>at 230 V rated value</li> </ul>	10 A
<ul> <li>at 400 V rated value</li> </ul>	3 A
• at 500 V rated value	2 A
• at 690 V rated value	1 A
operational current at DC-12	
at 24 V rated value	10 A
at 48 V rated value	6 A
<ul> <li>at 60 V rated value</li> </ul>	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
operational 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]	
for single-phase AC motor at 230 V rated value	3 hp
• for 3-phase AC motor at 460/480 V rated value	15 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
with type of coordination 1 required	gG: 63 A (690 V, 100 kA)
with type of coordination is required  - with type of assignment 2 required	gG: 35 A (690 V, 50 kA)
for short-circuit protection of the auxiliary switch	fuse gG: 10 A
required	
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
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
side-by-side mounting	Yes
height	85 mm
width	61 mm
depth	107 mm
•	

General Product Approval		EMC
		FMC
rtificates/ approvals	finger-safe, for vertical contact from the front	
0529 ouch protection on the front according to IEC 60529	finger eafe for vertical contact from the front	
rotection class IP on the front according to IEC	IP20	
1 value for proof test interval or service life according to	20 y	
<ul> <li>positively driven operation according to IEC 60947- 5-1</li> </ul>	No	
• mirror contact according to IEC 60947-4-1	Yes	
roduct function		
fety related data		
ection for main contacts	10 0	
WG number as coded connectable conductor cross	2x (20 16), 2x (18 14) 16 8	
<ul> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul>	2x (0.5 1.5 minr), 2x (0.75 2.5 minr) 2x (20 16), 2x (18 14)	
solid or stranded     finely stranded with care and processing.	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
for auxiliary contacts	2v (0.5 1.5 mm²) 2v (0.75 2.5 mm²)	
rpe of connectable conductor cross-sections		
at AWG cables for main contacts	2x (16 12), 2x (14 8)	
— finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²	
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)	
• for main contacts	0.44	
pe of connectable conductor cross-sections		
of magnet coil	Screw-type terminals	
at contactor for auxiliary contacts	Screw-type terminals	
for auxiliary and control circuit	screw-type terminals	
for main current circuit	screw-type terminals	
rpe of electrical connection		
nnections/ Terminals		
— at the side	6 mm	
— downwards	0 mm	
— upwards	0 mm	
— backwards	0 mm	
— forwards	0 mm	
• for live parts	0.000	
— downwards	0 mm	
— at the side	6 mm	
— upwards	0 mm	
— backwards	0 mm	
— forwards	0 mm	
for grounded parts		
— at the side	0 mm	
— downwards	0 mm	
— upwards	0 mm	
— backwards	0 mm	
— forwards	0 mm	





Confirmation







**Type Examination** Certificate





**Special Test Certific-**<u>ate</u>

Type Test Certificates/Test Report



Marine / Shipping

other











Confirmation

other

**Dangerous Good** 



Transport Informa-<u>tion</u>

## **Further information**

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2526-1BM40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2526-1BM40

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2526-1BM40

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2526-1BM40&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2526-1BM40/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2526-1BM40&objecttype=14&gridview=view1

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12/1/2021

