SIEMENS

Data sheet

3RT2327-1BM40



Contactor, AC-1, 50 A/400 V/40 $^\circ\text{C},$ S0, 4-pole, 220 V DC, 1 NO+1 NC, screw terminal

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT23
General technical data	
size of contactor	S0
product extension	
function module for communication	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
at AC in hot operating state	12 W
at AC in hot operating state per pole	3 W
without load current share typical	5.9 W
insulation voltage	0.0 W
of main circuit with degree of pollution 3 rated value	690 V
• of the auxiliary and control circuit with degree of	690 V
pollution 3 rated value	
surge voltage resistance	010/
of main circuit rated value	6 kV
of auxiliary circuit rated value	6 kV
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	45
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (switching cycles)	40,000,000
of contactor typical	10 000 000
 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	
 during operation 	-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	4

operational current	
 at AC-1 at 400 V at ambient temperature 40 °C 	50 A
rated value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	50 A
	42 A
— up to 690 V at ambient temperature 60 °C rated value	42 A
• at AC-3	
— at 400 V rated value	15.5 A
• at AC-4 at 400 V rated value	15.5 A
minimum cross-section in main circuit at maximum AC-1	10 mm ²
rated value	
operating power	
 at AC-3 at 400 V rated value 	7.5 kW
• at AC-4 at 400 V rated value	7.5 kW
short-time withstand current in cold operating state	
up to 40 °C	
 limited to 1 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
● at DC	1 500 1/h
operating frequency at AC-1 maximum	1 000 1/h
Control circuit/ Control	
type of voltage	DC
type of voltage of the control supply voltage	DC
control supply voltage at DC	
rated value	220 V
operating range factor control supply voltage rated	
value of magnet coil at DC	
• initial value	0.8
 value of magnet coil at DC initial value full-scale value 	1.1
value of magnet coil at DC initial value full-scale value closing power of magnet coil at DC	1.1 5.9 W
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC	1.1
value of magnet coil at DC initial value full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay 	1.1 5.9 W 5.9 W
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value of magnet coil at DC initial value full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay 	1.1 5.9 W 5.9 W 50 170 ms
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism Auxiliary circuit	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 2
value of magnet coil at DC initial value full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay at DC opening delay at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact 	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 2 1
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value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • instantaneous contact • attachable • instantaneous contact	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1
value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • instantaneous contact • attachable • instantaneous contact operational current at AC-12 maximum	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2
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value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 1 2 1 1 2 1 10 A 10 A 3A 2 A 1 A
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value of magnet coil at DC • initial value • full-scale value closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value	1.1 5.9 W 5.9 W 50 170 ms 15 18 ms 10 10 ms Standard A1 - A2 1 1 2 1 1 2 1 10 A 3A 2 A 1 A 10 A 6 A
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• at 125 V rated value 2 A • at 260 V rated value 0.15 A • at 34 V rated value 10 A • at 320 V rated value 0.3 A • at 320 V rated value 0.1 A Contact rate and and rate arrow threaker for short circut g6: 10 A (230 V, 400 A) product functional trap of axallary contacts according to UL A800 / C600 Short-Creat protection No • for short-circut protection Mo • for short-circut protection of the analiary switch required G2: 83 (760 V, 10 LA) • for short-circut protection Mo restallation mounting dimensions Mo mounting bashord Mo <t< th=""><th></th><th></th></t<>		
• at 200 V rated value 0.15 A operational current at DC-13 10 A • at 24 V raded value 10 A • at 24 V raded value 2 A • at 125 V rated value 0.9 A • at 250 V rated value 0.1 A • at 260 V rated value 0.1 A • at 270 V rated value 0.1 A contact rate/instrue circuit breaker for short-circuit protection of the auxiliary southat saccording to UL Absol / 2600 Short-circuit protection Gesign of the fuse link • or short-circuit protection - with type of coordination • or short-circuit protection required mounting position * of short-circuit protection of the main circuit - with type of coordinations # of short-circuit protection of the auxiliary switch required mounting position # fastening method * color diabol sy-side mounting • bided • hight * diabol-by-side mounting • hight • diabol-by-side mounting • or words • or words • or words • or word	 at 125 V rated value 	2 A
operational current at DC-13 10 A • at 24 V rated value 10 A • at 43 V rated value 1A • at 10 V rated value 0.9 A • at 20 V rated value 0.9 A • at 20 V rated value 0.1 A design of the ministure circuit breaker for short-circuit protection of the axiliary solution required 16.10 V (20 A (23 0 V, 400 A) protects reliability of axiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) contact reliability of axiliary contacts according to UL A600 / Q800 Short-circuit protection of the main circuit - - with type of occurrent 2 required GC: 83 A (680 V, 100 kA) - with type of occurrent 2 required GC: 80 (680 V, 100 kA) - with type of occurrent 2 required GC: 80 (680 V, 100 kA) - with type of oscient 2 required GC: 80 (680 V, 100 kA) - with type of oscient 1 required - - with type of oscient 2 required GC: 80 (680 V, 100 kA) - with type of oscient 2 required GC: 80 (680 V, 100 kA) - with type of oscient 2 required GC: 80 (680 V, 100 kA) - with type of oscient 2 required GC: 80 (680 V, 100 kA) - with	 at 220 V rated value 	1 A
 ai 24 V rated value ai 24 V rated value ai 25 V rated value ai 120 V rated value 0.9 A ai 120 V rated value 0.9 A ai 120 V rated value 0.1 A 400 V rated value 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 0 rate rating per totection 400 V rate rate value 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 0 rate rating per totection 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 0 rate rate rate rate rate rate rate rate	 at 600 V rated value 	0.15 A
 at 48 V rated value at 43 V rated value at 220 V rated value 0.3 A at 220 V rated value 0.3 A at 220 V rated value 0.3 A at 320 V rated value 0.1 A ges 10 A (230 V, 400 A) preduct of the required fourty switching per 100 million (17 V, 1 mA) ULCSA rating contact rating of auxiliary contacts according to UL A500 / Q600 Short-circuit protection of the main circuit or short-circuit protection of the main circuit or short-circuit protection of the main circuit or short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required aside-by-side mounting witch of short-circuit protection of the auxiliary switch required aside-by-side mounting witch of short-circuit protection of the auxiliary switch required aside-by-side mounting witch of short-side spacing witch of short-side mounting surfaces aside-by-side mounting witch of and short side side of main of anger side side of main	operational current at DC-13	
• at 110 V rated value 1 A • at 123 V rated value 0.3 A • at 600 V rated value 0.3 A • at 600 V rated value 0.1 A @ dasgo of the ministure circuit protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings	 at 24 V rated value 	10 A
• et 125 V rated value 0.9 A • at 220 V rated value 0.3 A • at 300 V rated value 0.1 A design of the ministure circuit preaker for short-circuit protection of the auxiliary sorted 1 faulty switching per 100 million (17 V, 1 mA) Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Contact reliability of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of assignment 2 required gG: 3A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - forwards 10 mm - forwards 10 mm - forwards 10 mm - forwar	 at 48 V rated value 	2 A
• at 220 Y relet value 0.3 A • at 200 V relet value 0.1 A design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required 95: 10 A (230 V, 400 A) contact reliability of auxiliary contacts according to UL A 600 / C600 Short-circuit protection memory contacts product function short circuit protection Mo design of the two link For short-circuit protection of the main circuit - with type of contained in 1 required 96: 63 A (690 V, 100 kA) - with type of contained in 1 required 96: 10 A (690 V, 100 kA) - with type of contained or the auxiliary switch required 96: 10 A (690 V, 100 kA) installation/mounting/ dimensions #/1507 rotation possible on vertical mounting surface fastening method screw and snap on mounting on the auxiliary surface • side-by-side mounting Yes height 00 mm - ownards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm </td <td> at 110 V rated value </td> <td>1 A</td>	 at 110 V rated value 	1 A
• et 600 V rated value 0.1 A design of the ministure circuls breaker for short-circuit protection of the auxiliary south required 1 faulty switching per 100 million (17 V, 1 mA) Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UCISA ratings A600 / C600 Short-circuit protection of the main circuit - with type of coordination 1 required - for short-circuit protection of the auxiliary switch required - sold +22.5" on vertical mounting surface; can be tilted for short-circuit protection of the auxiliary switch required spacing with side-by-side mounting - side-by-side mounting - with side-by-side mounting - with side-by-side mounting - with side-by-side mounting - onvards - onvards	 at 125 V rated value 	0.9 A
design of the ministure circuit breaker for shot-circuit protection of the auxiliary switch required gG: 10 A (230 V, 400 A) contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA tartings A500 / 2600 shot-circuit protection No design of the two link No • for shot-circuit protection G: 83 A (680 V, 100 kA) • with hype of continuent of the main circuit gG: 83 A (680 V, 100 kA) • with hype of auxiliary switch required gG: 83 A (680 V, 100 kA) • for shot-circuit protection of the auxiliary switch required gG: 10 A (690 V, 14A) • with hype of continuent of the auxiliary switch required gG: 10 A (690 V, 100 kA) installition/ mounting of dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +2.25° on vertical mounting rail according to DIN EN 60715 iside-by-side mounting Yes height 85 mm width 60 mm depth 10 mm - upwards 10 mm - downwards 10 mm	 at 220 V rated value 	0.3 A
protection of the auxiliary contacts i faulty switching per 100 million (17 V, 1 mA) i for auxiliary contacts according to UL A600 / Q600 indicated function short circuit protection i or for the auxiliary contacts according to UL Gester ating of the fuse link i for short-circuit protection of the main circuit i - with type of cosignment 2 required Gester at the auxiliary switch required i for short-circuit protection of the auxiliary switch required i for short-circuit protection of the auxiliary switch required i for short-circuit protection of the auxiliary switch required i for short-circuit protection of the auxiliary switch required i fastening method i existence at the side i existence at the sid	 at 600 V rated value 	0.1 A
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LUCSA ratings Add0 / Q600 contact rating of auxiliary contacts according to UL Add0 / Q600 product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of assignment 2 required GG: 83 A (800 V, 100 KA) - with type of assignment 2 required GG: 20 A (600 V, 100 KA) • for short-circuit protection of the auxiliary switch required GG: 20 A (600 V, 100 KA) registric • side-by-side mounting unface; can be tilted festening method screw and snap-on mounting outface; can be tilted e side-by-side mounting Yes height 96 mm width 60 mm - ownads 10 mm - ownads 10 mm - ownwards 10 mm		1 faulty switching per 100 million (17 V, 1 mA)
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection		
Short-circuit protection No product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit gG: 63 A (690 V, 100 KA) — with type of assignment 2 required gG: 63 A (690 V, 100 KA) gG: 10 A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 KA) gG: 10 A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 KA) gG: 10 A (690 V, 100 KA) • side-by-side mounting +/-180* rotation possible on vertical mounting surface: can be titled forward and backward by +/- 22.5" on vertical mounting surface: • side-by-side mounting +/-180* rotation possible on vertical mounting surface: • side-by-side mounting Person • elde-by-side mounting - • elde-by-side mounting - • onwards 10 mm - upwards 10 mm - downwards 10 mm - for wards 10 mm - downwards 10 mm - ownwards 10 mm - ownwards 10 mm - for libe side 6 mm <t< td=""><td></td><td>A600 / Q600</td></t<>		A600 / Q600
product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit gC: 63 A (690 V, 100 kA) - with type of assignment 2 required gC: 20 A (690 V, 100 kA) gC: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gC: 10 A (690 V, 100 kA) gC: 10 A (690 V, 100 kA) fistening method +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; scane tilted forward and backward by +/-22.5° on vertical mounting surface; scane tilted forward and backward by +/-22.5° on vertical mounting surface; scane tilted forward and backward by +/-22.5° on vertical mounting surface; scane tilted forward and backward by +/-22.5° on vertical mounting rail according to DIN EN 60715 Yes B5 mm height 85 mm width 60 mm depth 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm		
design of the fuse link • for short-circuit protection of the main circuit		No
• for short-circuit protection of the main circuit	•	
with type of coordination 1 required gG: 63 A (680 V, 100 kA) with type of assignment 2 required gG: 20 A (680 V, 100 kA) for arbor-circuit protection of the auxiliary switch required gG: 10 A (680 V, 1 kA) Installation/ mounting/ dimensions +/-180° rolation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface fastening method +/-180° rolation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface • side-by-side mounting Yes height 85 mm width 60 mm depth 70° mm required spacing 0 mm • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - downwards 0 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - forwards 10 mm		
with type of assignment 2 required gG: 20 A (600 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) Installation/ mounting/ dimensions +/-180° retation possible on vertical mounting surface; can be tilled forward and backward by +/-22.5° on vertical mounting and cace; can be tilled forward and backward by +/-22.5° on vertical mounting and cace, can be tilled forward and backward by +/-22.5° on vertical mounting and cace. • eide-by-side mounting Yes height 85 mm width 60 nm depth 107 mm required spacing 0 nm • onwards 10 nm - upwards 10 nm - downwards 10 nm - upwards 10 nm - at the side 6 mm - downwards 10 nm - downwards 10 nm - downwards 10 nm - at the side 6 mm - downwards 10 nm - at the side 6 mm - downwards 10 nm - downwards 10 nm - at the side 6 mm - forwards 10 nm - at the side 6 mm - forwards 10 nm - downwards 10 nm - otomwards 10 nm - forwards		-0.00 0 (000) (400) 4)
• for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 1 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface: can be tilted forward and backward by +/-2.2.5° on vertical mounting surface. fastening method screw and snap-on mounting of 0.5 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 107 mm required spacing 10 mm - upwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - forwards 10 mm - downwards 10 mm - solid screw-type terminals storew-ty		
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 on 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 107 mm required spacing • • with side-by-side mounting 10 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm		
Installation/ mounting / dimensions +/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 DN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 107 mm required spacing 100 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - for wards 10 mm - at the side <td></td> <td>gG: 10 A (690 V, 1 kA)</td>		gG: 10 A (690 V, 1 kA)
mounting position +/.180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no vertical mounting surface screw and backward by +/. 22.5° no mm ²) screw-type terminals • for wards 10 mm • of argument directline 10 mm • of new ands 10 mm • of orgument directline 10 mm • of availary and control circuit screw-type terminals • of angent coll screw-type terminals • of angend coll		
forward and backward by +/. 22.5° on vertical mounting surface festening method screw and snap-on mounting on 0.35 mm standard mounting rail according to DIN EN 60715 height 95 mm width 60 mm depth 107 mm required spacing 0 mm • with side-by-side mounting 107 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - downwards 10 mm - at the side 6 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm for main current		
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- downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • at contactor for auxiliary contacts Screw-type terminals • of magnet coil Screw-type terminals type of connectable conductor cross-sections Screw-type terminals • for main contacts Screw-type terminals - solid Screw-type terminals - solid or 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	— forwards	10 mm
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- finely stranded with core end processing 2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ²		
• at AWG cables for main contacts 2x (16 12), 2x (14 8)		
	 at AWG cables for main contacts 	2x (16 12), 2x (14 8)

	tor cross-section for m	ain			
 solid 			1 10 mm²		
 solid or stranded 	4		1 10 mm²		
 stranded 	4		1 10 mm²		
	with core end processing		1 10 mm²		
	tor cross-section for au		1 10 11111		
contacts		axinal y			
 solid or stranded 		0.5 2.5 mm²			
 finely stranded v 	with core end processing		0.5 2.5 mm²		
	conductor cross-sectio				
 for auxiliary cont 					
— solid			2x (0.5 1.5 mm²),	2x (0.75 2.5 mm²)	
— solid or stra	anded			2x (0.75 2.5 mm ²)	
— finely stran	 — finely stranded with core end processing 			2x (0.75 2.5 mm ²)	
	 at AWG cables for auxiliary contacts 		2x (20 16), 2x (18		
	ed connectable conduc	ctor cross		/	
section					
 for main contact 	S		16 8		
 for auxiliary cont 	tacts		20 14		
Safety related data					
product function					
•	ccording to IEC 60947-4-	-1	Yes		
	interval or service life ac		20 y		
IEC 61508		boording to	20 9		
protection class IP o 60529	n the front according to	o IEC	IP20		
touch protection on	the front according to I	EC 60529	finger-safe, for vertic	cal contact from the fron	t
Communication/ Proto	col		-		
			No		
product function bus	s communication		No		
product function bus Certificates/ approvals	s communication		No	_	EMC
product function bus	s communication		No		EMC
product function bus Certificates/ approvals	s communication		No		EMC
product function bus Certificates/ approvals	s communication s proval		No	FAI	EMC
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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=3RT2327-1BM40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2327-1BM40

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

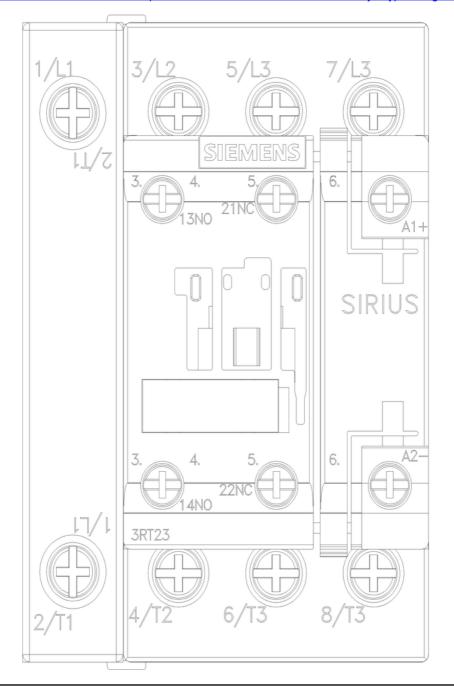
https://support.industry.siemens.com/cs/ww/en/ps/3RT2327-1BM40

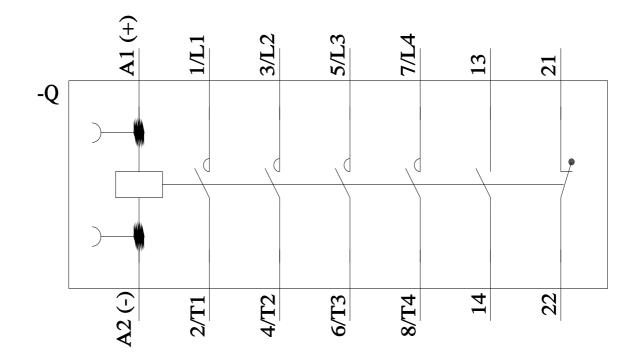
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2327-1BM40&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2327-1BM40/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2327-1BM40&objecttype=14&gridview=view1





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