SIEMENS

Data sheet

3RT2025-2AL24-3MA0



power contactor, AC-3e/AC-3, 17 A, 7.5 kW / 400 V, 3-pole, 230 V AC, 50/60 Hz, auxiliary contacts: 2 NO + 2 NC, spring-loaded terminal, size: S0, captive auxiliary switch, no surge suppressor retrofittable

product brand name SIRUS product vipe designation Power contactor product vipe designation SRT2 central technical data So size of contactor So product view designation No • auxilary switch No • at AC in hot operating state 1.8 W • at AC in hot operating state per pole 0.6 W • of main circuit with degree of pollution 3 rated value 690 V • of auxilary circuit with degree of pollution 3 rated value 690 V • of auxilary circuit rated value 690 V • of auxilary circuit rated value 690 V • of auxilary circuit rated value 64V • of cauxilary circuit rated value 64V • of cauxilary circuit rated value 7.5g / 5 ms, 4.7g / 10 ms • at AC 7.5g / 5 ms, 7.4g / 10 ms • at AC 7.5g / 5 ms, 7.4g / 10 ms • of the conta		
product type designation 3RT2 General technical data	product brand name	SIRIUS
General technical data S0 size of contactor S0 product extension No • auxiliary switch No • auxiliary switch No • at AC in hot operating state 1.8 W • at AC in hot operating state 0.6 W • without load current share typical 2W Insulation voltage 680 V • of main circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit rated value 6 kV • at AC 7.5g / 5 ms, 4.7g / 10 ms mechanical service life (operating cycles) 10 000 000 • of the contactor with added auxiliary switch block typical 10000 000 • of the contactor with added auxiliary switch block typical 10000 000 • of the contactor with added auxiliary switch block typical 10000 000 • of the contactor with added auxiliary switch block typical	product designation	Power contactor
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reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m 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 relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum 95 %		5 000 000
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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 relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum 95 % Main circuit	reference code according to IEC 81346-2	Q
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relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum 95 % Main circuit 95 %	during operation	-25 +60 °C
relative humidity at 55 °C according to IEC 60068-2-30 95 % Main circuit	during storage	-55 +80 °C
maximum Main circuit	relative humidity minimum	10 %
		95 %
number of poles for main current circuit 3	Main circuit	
	number of poles for main current circuit	3

number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
 at AC-3e rated value maximum 	690 V
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated 	40 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated	35 A
value	
• at AC-3	
— at 400 V rated value	17 A
— at 500 V rated value	17 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	17 A
— at 500 V rated value	17 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
at AC-5a up to 690 V rated value	35.2 A
• at AC-5b up to 400 V rated value	14.1 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	11.4 A
— up to 400 V for current peak value n=20 rated value	11.4 A
— up to 500 V for current peak value n=20 rated value	11.4 A
 up to 690 V for current peak value n=20 rated value at AC-6a 	11.3 A
	7.6 A
 — up to 230 V for current peak value n=30 rated value — up to 400 V for current peak value n=30 rated value 	7.6 A
— up to 500 V for current peak value n=30 rated value	7.6 A
— up to 690 V for current peak value n=30 rated value	7.6 A
minimum cross-section in main circuit at maximum AC-1 rated	10 mm ²
value	
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	7.7 A
at 690 V rated value	7.7 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 60 V rated value	20 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 60 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
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
 at 1 current path at DC-3 at DC-5 	

— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
• at AC-3	
— at 230 V rated value	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC-	
4	
• at 400 V rated value	3.5 kW
at 690 V rated value	6 kW
operating apparent power at AC-6a	
 up to 230 V for current peak value n=20 rated value 	4.5 kVA
 up to 400 V for current peak value n=20 rated value 	7.8 kVA
 up to 500 V for current peak value n=20 rated value 	9.9 kVA
up to 690 V for current peak value n=20 rated value	13.6 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	3 kVA
• up to 400 V for current peak value n=30 rated value	5.2 kVA
• up to 500 V for current peak value n=30 rated value	6.6 kVA
• up to 690 V for current peak value n=30 rated value	9.1 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	225 A; Use minimum cross-section acc. to AC-1 rated value
- initiation to the omitaning at zero cartent maximum	
 limited to 5 s switching at zero current maximum 	225 A: Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum 	225 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 10 s switching at zero current maximum	189 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value
 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 	189 A; Use minimum cross-section acc. to AC-1 rated value
 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 no-load switching frequency	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value
 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 no-load switching frequency at AC 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value
 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 no-load switching frequency at AC operating frequency 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h
 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 no-load switching frequency at AC operating frequency at AC-1 maximum 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h
 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 no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 maximum 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 1 000 1/h
 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 no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 1 000 1/h 1 000 1/h
 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 no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 1 000 1/h 1 000 1/h 1 000 1/h
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 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 no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 e maximum 	189 A; Use minimum cross-section acc. to AC-1 rated value 140 A; Use minimum cross-section acc. to AC-1 rated value 115 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 1 000 1/h 1 000 1/h 1 000 1/h

control supply voltage at AC	
• at 50 Hz rated value	230 V
at 60 Hz rated value	230 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	
● at 50 Hz	68 VA
• at 60 Hz	67 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.72
• at 60 Hz	0.74
apparent holding power of magnet coil at AC	
• at 50 Hz	7.9 VA
• at 60 Hz	6.5 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.25
• at 60 Hz	0.28
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	2
number of NO contacts for auxiliary contacts instantaneous contact	2
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	6 A
• at 400 V rated value	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
• 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
operational current at DC-13	
at 24 V rated value	6 A
at 48 V rated value	2 A
• at 60 V rated value	2 A
at 110 V rated value	1A
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	
full-load current (FLA) for 3-phase AC motor	14.0
at 480 V rated value at 600 V rated value	14 A
• at 600 V rated value	17 A
yielded mechanical performance [hp]	
for single-phase AC motor at 110/120 V rated value	1 ha
— at 110/120 V rated value	1 hp
— at 230 V rated value	3 hp

 for 3-phase AC motor at 200/208 V rated value 5 hp at 420/208 V rated value 5 hp at 460/480 V rated value 10 hp at 55/600 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: 63A (690V, 100kA), aM: 32A (690V, 100kA), BS88: 63A (415V,80kA) for short-circuit protection of the auxiliary switch required gG: 61A (690V, 100kA), aM: 32A (690V, 100kA), BS88: 63A (415V,80kA) for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting / dimensions #/180" rotation possible on vertical mounting surface; can be tilled forwards iscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60 • side-by-side mounting fastening method side-by-side mounting forwards of mm depth 102 mm width side-by-side mounting forwards 0 mm downwards 0 mm at the side 0 mm at the side ot m 	
- at 220/230 V rated value 5 hp - at 460/480 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 460/90 / Q600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 63A (690V, 100kA), aM: 32A (690V, 100kA), BS88: 63A (415V,80kA) - with type of assignment 2 required gG: 25A (690V, 100kA), aM: 32A (690V, 100kA), BS88: 25A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 14A) Installation mounting dimensions +/180° rotation possible on vertical mounting surface; can be tilled forward backward by +/- 22.5° on vertical mounting surface; can be tilled forward backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting out 35 mm DIN rail according to DIN EN 60 • side-by-side mounting Yes height 102 mm width 45 mm depth 144 mm required spacing 10 mm - upwards 10 mm - upwards 10 mm - forwards 10 mm - forwards 10 mm - upwards 10 mm	
- at 460/480 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection	
- at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection	
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: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) for short-circuit protection of the auxiliary switch required gG: 05A (690V,100kA), aM: 20A (690V,100kA), BS88: 63A (415V,80kA) gG: 05A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) gG: 10A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surfac	
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required • for short-circuit protection of the auxiliary switch required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) with type of assignment 2 required • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; can be tilted forward backwar	
design of the fuse link for short-circuit protection of the main circuit 	
 for short-circuit protection of the main circuit with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) with type of assignment 2 required gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions fastening method side-by-side mounting Yes height 102 mm with side-by-side mounting Yes height 102 mm with side-by-side mounting Yes height of onwards of onm for grounded parts for grounded parts of onwards of onm oupwards of onm of onwards of onm 	
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- with type of assignment 2 required gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward backward by +/- 22.5° on vertical mounting surface; fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60 • side-by-side mounting Yes height 102 mm width 45 mm depth 144 mm required spacing 0 mm - forwards 10 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm	
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Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forwar backward by +/-22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60 • side-by-side mounting Yes height 102 mm width 45 mm depth 144 mm required spacing 0 mm - forwards 10 mm - a the side 0 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm	
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fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60 • side-by-side mounting Yes height 102 mm width 45 mm depth 144 mm required spacing - • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - at the side 0 mm • for grounded parts 0 mm - forwards 10 mm - upwards 0 mm	d and
• side-by-side mountingYesheight102 mmwidth45 mmdepth144 mmrequired spacing10 mm• with side-by-side mounting10 mm- forwards10 mm- upwards0 mm- downwards0 mm- at the side0 mm• for grounded parts10 mm- forwards10 mm- upwards10 mm- forwards10 mm	
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width45 mmdepth144 mmrequired spacing144 mm• with side-by-side mounting forwards10 mm- forwards10 mm- downwards10 mm- at the side0 mm- at the side0 mm- forwards10 mm- forwards10 mm- at the side0 mm- forwards10 mm	
depth144 mmrequired spacing10 mm• with side-by-side mounting10 mm— forwards10 mm— upwards10 mm— downwards0 mm— at the side0 mm• for grounded parts10 mm— forwards10 mm— upwards10 mm• for grounded parts10 mm— upwards10 mm— forwards10 mm• for grounded parts10 mm— forwards10 mm	
required spacing• with side-by-side mounting- forwards- norwards- upwards- downwards- downwards- at the side0 mm• for grounded parts- forwards- norwards- norwards	
 with side-by-side mounting forwards upwards downwards at the side for grounded parts forwards upwards 10 mm 	
forwards10 mm upwards10 mm downwards10 mm at the side0 mm• for grounded parts forwards forwards10 mm upwards10 mm	
upwards 10 mm downwards 10 mm at the side 0 mm • for grounded parts forwards forwards 10 mm upwards 10 mm	
downwards 10 mm at the side 0 mm • for grounded parts forwards forwards 10 mm upwards 10 mm	
 for grounded parts forwards upwards 10 mm 10 mm 	
— forwards 10 mm — upwards 10 mm	
— upwards 10 mm	
— at the side 6 mm	
— downwards 10 mm	
• for live parts	
— forwards 10 mm	
— upwards 10 mm	
- downwards 10 mm	
- at the side 6 mm	
Connections/ Terminals	
type of electrical connection	
for main current circuit spring-loaded terminals	
for auxiliary and control circuit spring-loaded terminals	
e at contactor for auxiliary contacts of magnet coil Spring-type terminals Spring-type terminals	
of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts	
• solid 2x (1 10 mm ²)	
• solid or stranded $2x (1 10 mm2)$	
 finely stranded with core end processing 2x (1 6 mm²) 	
 finely stranded without core end processing finely stranded without core end processing 2x (1 6 mm²) 	
connectable conductor cross-section for main contacts	
• solid 1 10 mm ²	
• stranded 1 10 mm ²	
• finely stranded with core end processing 1 6 mm ²	
• finely stranded without core end processing 1 6 mm ²	
connectable conductor cross-section for auxiliary contacts	
• solid or stranded 0.5 2.5 mm ²	
• finely stranded with core end processing 0.5 1.5 mm ²	
• finely stranded without core end processing 0.5 2.5 mm ²	
type of connectable conductor cross-sections	
for auxiliary contacts	
- solid or stranded $2x (0.5 \dots 2.5 \text{ mm}^2)$	
— finely stranded with core end processing $2x (0.5 \dots 1.5 \text{ mm}^2)$	
- finely stranded without core end processing 2x (0.5 2.5 mm ²)	

• for AWG cables f	or auxiliary contacts		2x (20 14)		
	d connectable conducto	r cross	2x (20 14)		
 for main contacts 	i		18 8		
 for auxiliary containing 	acts		20 14		
fety related data					
product function					
 mirror contact ac 	cording to IEC 60947-4-1		Yes		
	operation according to IEC	60947-5-1	No		
suitability for use safety	-related switching OFF		Yes		
	nand rate according to SN	31920	450 000		
proportion of dangero					
	rate according to SN 3192	20	40 %		
	d rate according to SN 319		73 %		
	w demand rate according t		100 FIT		
	nterval or service life acco		20 a		
protection class IP on	the front according to I	EC 60529	IP20		
ouch protection on th	e front according to IEC	60529	finger-safe, for vertical	contact from the front	
ertificates/ approvals					
General Product App	roval				
(S) M		<u>Confirmatio</u>		KC	EAC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of	Conformity	Test Certificates	Marine / Shipping
RCM	Type Examination Cer- tificate	UK CA	CE EG-Konf.	Type Test Certific- ates/Test Report	ABS
Marine / Shipping					
BUREAU VERITAS		Lloyds Register urs	PRS	RINA	RMRS
other			Railway	Environment	
<u>Confirmation</u>		<u>Confirmatio</u>	n <u>Vibration and S</u>	ihock Environmental Con- firmations	
rther information					

Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RT2025-2AL24-3MA0

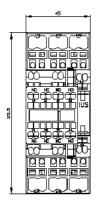
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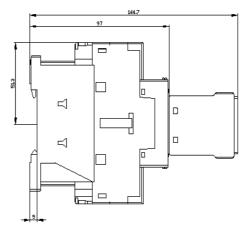
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2025-2AL24-3MA0

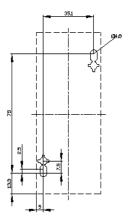
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-2AL24-3MA0

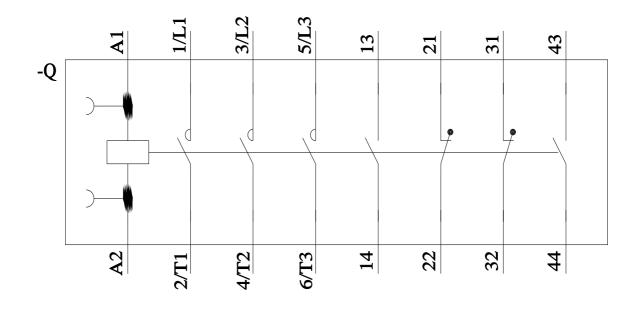
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2025-2AL24-3MA0&lang=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-2AL24-3MA0/char Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2025-2AL24-3MA0&objecttype=14&gridview=view1









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