SIEMENS

Data sheet

3RT2024-1AN60



power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NO + 1 NC, 200 V AC, 50 Hz 200-220 V, 60 Hz, 3-pole Size S0, screw terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	SO
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 	0.9 W
 at AC in hot operating state per pole 	0.3 W
 without load current share typical 	7.9 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of auxiliary circuit with degree of pollution 3 rated value 	690 V
surge voltage resistance	
 of main circuit rated value 	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 AC	7,5g / 5 ms, 4,7g / 10 ms
shock resistance with sine pulse	
• at AC	11,8g / 5 ms, 7,4g / 10 ms
mechanical service life (switching cycles)	
 of contactor typical 	10 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	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	
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	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 value 	40 A
• 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 value	35 A
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	12 A
— at 690 V rated value	9 A
● at AC-3e	
— at 400 V rated value	12 A
— at 500 V rated value	12 A
— at 690 V rated value	9 A
 at AC-4 at 400 V rated value 	12.5 A
 at AC-5a up to 690 V rated value 	35.2 A
 at AC-5b up to 400 V rated value 	9.9 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	11.3 A
 — up to 690 V for current peak value n=20 rated value at AC-6a 	9 A
 at AC-ba — up to 230 V for current peak value n=30 rated value 	7.6 A
 — 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 value operational current for approx. 200000 operating	10 mm ²
cycles at AC-4	
at 400 V rated value	5.5 A
• at 690 V rated value	5.5 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1A
— 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 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 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 110 V rated value	2.5 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 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 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	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	7.5 kW
• at AC-3e	
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	7.5 kW
operating power for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	2.6 kW
• at 690 V rated value	4.6 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	9.8 kVA
• up to 690 V for current peak value n=20 rated value	10.7 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	6.5 kVA
• up to 690 V for current peak value n=30 rated value	9 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	210 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	210 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	162 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	103 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	88 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	5 000 1/h
operating frequency	
• at AC-1 maximum	1 000 1/h
• at AC-2 maximum	1 000 1/h
• at AC-3 maximum	1 000 1/h

e at AC 30 maximum	1 000 1/b
• at AC-3e maximum	1 000 1/h
• at AC-4 maximum	300 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
 at 50 Hz rated value 	200 V
at 60 Hz rated value	220 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	
	4
	1
number of NC contacts for auxiliary contacts instantaneous contact	
	1
instantaneous contact number of NO contacts for auxiliary contacts	
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact	1
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum	1
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	1 10 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value	1 10 A 10 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value	1 10 A 10 A 3 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value	1 10 A 10 A 3 A 2 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value	1 10 A 10 A 3 A 2 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12	1 10 A 10 A 3 A 2 A 1 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12 • at 24 V rated value • at 48 V rated value • at 60 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12 • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 40 V rated value • at 20 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12 • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 400 V rated value • at 20 V rated value • at 220 V rated value • at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 1 A 0.15 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 600 V rated value • at 600 V rated value • at 220 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 48 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 10 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 24 V rated value • at 24 V rated value • at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 10 A
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instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 24 V rated value • at 125 V rated value • at 125 V rated value • at 120 V rated value • at 220 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 600 V rated value • at 600 V rated value • at 24 V rated value • at 125 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 220 V rated value • at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 2 A 1 A 10 A 0.15 A 10 A 0.15 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 25 V rated value • at 260 V rated value • at 27 V rated value • at 20 V rated value • at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 2 A 1 A 10 A 0.15 A 10 A 0.15 A
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 25 V rated value • at 260 V rated value • at 27 V rated value • at 20 V rated value • at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 2 A 1 A 10 A 0.15 A 10 A 0.15 A

yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 1 hp - at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / P600 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)	● at 600 V rated value	11 A		
• for single-phase AC motor 1 hp				
		1 hp		
• for 3-pbase AC motor 3 hp - at 200208 V rated value 3 hp - at 200230 V rated value 3 hp - at 360/480 V rated value 7.5 hp - at 360/480 V rated value 10 hp contact rating of auxiliary contacts according to UL A800 / P600 design of the fuse link • for stort-clicul protection of the main circuit - with type of contination 1 required gG: 63A (690V, 100KA), att/ 32A (690V, 100KA), B588: 63A (415V.80KA - with type of assignment 2 required gG: 63A (690V, 100KA), att/ 32A (690V, 100KA), B588: 63A (415V.80KA - with type of oscitalizity ovidicing on the auxiliary switch required gG: 63A (690V, 100KA), att/ 32A (690V, 100KA), B588: 63A (415V.80KA - with type of oscital mounting GG: 63A (690V, 100KA), att/ 32A (690V, 100KA), B588: 63A (415V.80KA - with side-by-side mounting GG: 63A (690V, 100KA), att/ 32A (690V, 100KA), B588: 63A (415V.80KA - with side-by-side mounting - for add and backward to backward and backward and backward and backward and backward to backward and backwar				
		2 110		
		3 hn		
contact rating of auxiliary contacts according to UL A600 / P600 Short-zircuit protection of the main circuit - - with type of coordination 1 required gG: 63A (690V, 100kA), aM: 32A (690V, 100kA), BS8: 63A (415V 80kA) - with type of assignment 2 required gG: 63A (690V, 100kA), aM: 32A (690V, 100kA), BS8: 63A (415V 80kA) - with type of assignment 2 required gG: 63A (690V, 100kA), aM: 32A (690V, 100kA), BS8: 63A (415V 80kA) - with type of assignment 2 required gG: 60A (690V, 100kA), aM: 32A (690V, 100kA), BS8: 63A (415V 80kA) - with side order of the auxiliary switch required required spacing +/180 ^o rotation possible on vertical mounting surface - side-by-side mounting -/180 ^o rotation mounting onto 35 mm standard mounting rail according to DIN EN 60715 - side-by-side mounting -/180 ^o rotation mounting onto 35 mm standard mounting rail according to DIN EN 60715 - with side-by-side mounting -/180 ^o rotation mounting surface - with side-by-side mounting -/180 ^o rotation mounting surface - with side-by-side mounting -/100 ^o rotation - with side-by-side mounting	— at 575/600 V rated value			
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 reguired Installation/ mounting/ dimensions for short-circuit protection of the auxiliary switch reguired fastening method side-by-side mounting yes side-by-side mounting Yes height fastening method side-by-side mounting Yes height 45 mm depth ger on addition mounting aurface; can be tilted forward and backward by +2 22.5° on vertical mounting surface; can be tilted forward and backward by +2 22.5° on vertical mounting surface; see wand snap-on mounting non 0.35 mm standard mounting real according to DN EN 60715 Yes height 45 mm depth 45 mm ediversits side 0 mm 0 mm 0 mm for avards 10 mm downwards 0 mm downwards of main current circuit sorew-type terminals sorew-type terminals	contact rating of auxiliary contacts according to UL			
for short-circuit protection of the main circuit —with type of coordination 1 required G: 63A (690V,100KA), aM: 32A (690V,100KA), BS88: 63A (415V,80KA G: 52A (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), BS88: 63A (415V,80KA G: 50 SA (690V,100KA), BS88: 63A (415V,80KA G: 50 SA (690V,100KA), BS88: 63A (415V,80KA G: 50 SA (690V,100KA), BS88: 63A (415V,80KA Git main contacts Side stormand contacts Side store main contacts Solid stormain contacts Soli	Short-circuit protection			
for short-circuit protection of the main circuit —with type of coordination 1 required G: 63A (690V,100KA), aM: 32A (690V,100KA), BS88: 63A (415V,80KA G: 52A (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), aM: 22A (690V,100KA), BS88: 63A (415V,80KA G: 52 SA (690V,100KA), BS88: 63A (415V,80KA G: 50 SA (690V,100KA), BS88: 63A (415V,80KA G: 50 SA (690V,100KA), BS88: 63A (415V,80KA G: 50 SA (690V,100KA), BS88: 63A (415V,80KA Git main contacts Side stormand contacts Side store main contacts Solid stormain contacts Soli				
with type of assignment 2 required gG: 25A (690V, 100kA), BX88: 25A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) mounting position /180° rotation possible on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting surface; can be tilled forward and backward by 7-/22.5° on vertical mounting ratio according to DN IN formation forwards • edited spacing • of main contacts 0 mm • of orwards 10 mm 0 mm • of orwards 10 mm <td></td> <td></td>				
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions 4/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted forward and backward by 4/-285° on vertical mounting surface; can be tilted mounting or to 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes • elight 45 mm • depth 97 mm required spacing 10 mm • onwards 10 mm - downwards 10 mm - at the side 0 mm - forwards 10 mm - onwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - orbards 10 mm - downwards 10 mm - of onwards 10 mm	— with type of coordination 1 required	gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA)		
Installation/mounting/dimensions mounting position fastening method side-by-side mounting + side-by-side mounting + side-by-side mounting - with side-by-side mounting - with side-by-side mounting - required spacing • with side-by-side mounting - forwards - upwards - downwards - downwards - downwards - forwards - downwards - forwards - forwards - downwards - forwards - forwards - downwards - forwards - forwards - forwards - forwards - forwards - forwards - at the side - downwards - torwards - torwards <td> — with type of assignment 2 required </td> <td>gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA)</td>	 — with type of assignment 2 required 	gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA)		
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 • side-by-side mounting Serve and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • height B5 mm width 45 mm depth 97 mm • euried spacing 97 mm • uth side-by-side mounting 10 mm - powrads 10 mm - upwards 10 mm - downwards 10 mm - foreauliary and control circuit screw-	 for short-circuit protection of the auxiliary switch 	gG: 10 A (500 V, 1 kA)		
mounting position +/180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/. 22.5° mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 45 mm depth 97 mm required spacing 97 mm • with side-by-side mounting 97 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - downward				
forward and backward by 4+.22.5° mm fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 85 mm width 45 mm depth 97 mm required spacing 97 mm • with side-by-side mounting 10 mm - powards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - forwards 10 mm - forwards 10 mm - forwards 10 mm - soid	Installation/ mounting/ dimensions			
fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 85 mm width 85 mm depth 97 mm required spacing 97 mm • with side-by-side mounting 97 mm - forwards 10 mm - upwards 10 mm - downwards 0 mm - downwards 10 mm - of rawidiary and control circuit screw-type terminals screw-type terminals screw-type terminals	mounting position			
• side-by-side mounting Yes height 85 mm width 45 mm depth 97 mm required spacing • with side-by-side mounting - forwards 10 mm - upwards 10 mm - downwards 00 mm - downwards 10 mm - at the side 0 mm - forwards 10 mm - forwards 10 mm - upwards 10 mm - forwards 10 mm - upwards 10 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals 5 crew-type terminals type of electrical connection screw-type terminals • for main current circuit screw-type terminals • of main current circuit screw-type terminals • of or asyliary do control circuit screw-type terminals • of main contacts - solid • of main contacts 2x (1 25 mm ³), 2x (2.5 10 mm ³) • solid 2x (1 25 mm ³), 2x (2.5 6 mm ³), 1x 10 mm ³	factoring method			
• side-by-side mounting Yes height 85 mm width 45 mm depth 97 mm required spacing 97 mm • with side-by-side mounting 0 mm - forwards 10 mm - upwards 0 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - so	rastening method			
height 85 mm width 45 mm depth 97 mm required spacing 97 mm • with side-by-side mounting 97 mm - forwards 10 mm - upwards 10 mm - downwards 0 mm - downwards 10 mm - at the side 0 mm - forgrounded parts 10 mm - at the side 6 mm - downwards 10 mm - for auxilary and control circuit screw-type terminals type of electrical connection screw-type terminals • for main current circuit screw-type terminals • of main contacts Screw-type terminals • of	 side-by-side mounting 	-		
width 45 mm depth 97 mm required spacing 97 mm • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm • for grounded parts 0 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - dornwards 10 mm - dornwards 10 mm - dornwards 10 mm - dornwards 10 mm - forwards 10 mm - downwards 10 mm - forwards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - forwards 10 mm - forwards 10 mm - downwards 10 mm - forwards 10 mm - down				
required spacing • with side-by-side mounting - forwards - upwards - downwards - for grounded parts - forwards - forwards - forwards - downwards - downwards - forwards - downwards - forwards - downwards - forwards - downwards - forwards - downwards - downwards - at the side 6 mm Connections/ Terminals screw-type terminals		45 mm		
• with side-by-side mounting 0 mm - forwards 10 mm - upwards 10 mm - at the side 0 mm - at the side 0 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - at the side 6 mm for auxiliary and contotol circuit screw-type termi	depth	97 mm		
- forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - downwards 50 mm - downwards 50 mm - downwards 50 mm - downwards 50 mm - for auxiliary and control circuit screw-type terminals <tr< td=""><td>required spacing</td><td></td></tr<>	required spacing			
	 with side-by-side mounting 			
- downwards 10 mm - at the side 0 mm • for grounded parts 0 mm - forwards 10 mm - upwards 0 mm - at the side 6 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - forwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals screw-type terminals • of magnet coil Screw-type terminals • of magnet coil	— forwards	10 mm		
	— upwards	10 mm		
 for grounded parts forwards forwards upwards at the side form at the side form adownwards form downwards for live parts forwards forwards forwards for man adownwards forwards forwards forwards form adownwards form adownwards form adownwards form adownwards for man adownwards for main current circuit screw-type terminals screw-type terminals for auxiliary and control circuit screw-type terminals for main contacts a contactor for auxiliary contacts Screw-type terminals for main contacts a solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) a dAWG cables for main contacts a tAWG cables for main contacts a tAWG cables for main contacts a solid a tatwore cable conductor cross-section for main contacts a solid a no mm² 	— downwards	10 mm		
- forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts 10 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals 6 mm type of electrical connection screw-type terminals • 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 6 mm²) • for main contacts - solid - solid or stranded 2x (1 2.5 mm²), 2x (2.5 10 mm²) - solid or stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • at AWG cables for main contacts 2x (16 12), 2x (14 8) connectable conductor cross-section for main contacts 2x (16 12), 2x (14 8)	— at the side	0 mm		
$-$ upwards10 mm $-$ at the side6 mm $-$ downwards10 mm $-$ for vards10 mm $-$ for vards10 mm $-$ upwards10 mm $-$ upwards10 mm $-$ downwards10 mm $-$ at the side6 mmConnections/ Terminalstype of electrical connection $+$ for auxiliary and control circuitscrew-type terminals $+$ for auxiliary and control circuitscrew-type terminals $+$ of connectable conductor cross-sectionsScrew-type terminals $+$ solid $2x (1 \dots 2.5 mm^2), 2x (2.5 \dots 10 mm^2)$ $-$ solid or stranded $2x (1 \dots 2.5 mm^2), 2x (2.5 \dots 6 mm^2), 1x 10 mm^2$ $-$ solid or stranded $2x (1 \dots 2.5 mm^2), 2x (2.5 \dots 6 mm^2), 1x 10 mm^2$ $-$ at AWG cables for main contacts $2x (1 \dots 2.5 mm^2), 2x (14 \dots 8)$ $-$ solid $2x (1 \dots 2.5 mm^2), 2x (14 \dots 8)$	 for grounded parts 			
at the side6 mm downwards10 mm• for live parts forwards10 mm upwards10 mm upwards10 mm downwards10 mm downwards6 mm at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• of magnet coilScrew-type terminals• of magnet coilScrew-type terminals• of or auxiliary contactsScrew-type terminals• for main contactsScrew-type terminals• of magnet coilScrew-type terminals• for main contactsScrew-type terminals• for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 10 mm²)• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid1 10 mm²		10 mm		
downwards10 mm• for live parts0 mm forwards10 mm upwards10 mm downwards10 mm downwards6 mm at the side6 mmConnections/ Terminalsscrew-type terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminals• for main contacts- solid- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)• solid1 10 mm²				
• for live partsI0 mm- forwards10 mm- upwards10 mm- downwards10 mm- a the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid1 10 mm²				
- forwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts- solid- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (16 12), 2x (14 8)• solid1 10 mm²		10 mm		
- upwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts- solid- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 10 mm²)• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (1 8)• solid1 10 mm²				
downwards10 mm at the side6 mmConnections/Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)• solid1 10 mm²				
at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminals• of main contactsScrew-type terminals• for main contactsScrew-type terminals• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts2x (1 10 mm²				
Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • at contactor for auxiliary contacts • of magnet coil Screw-type terminals • of magnet coil Screw-type terminals • for main contacts - solid - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (1.1 mm²) • solid 1 10 mm²				
type of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts- solid- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²		o mm		
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 for auxiliary and control circuit for auxiliary contacts at contactor for auxiliary contacts of magnet coil Screw-type terminals Scr				
• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (16 12), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²				
• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²	-			
type of connectable conductor cross-sections• for main contacts- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing• at AWG cables for main contactsconnectable conductor cross-section for main contacts• solid1 10 mm²	-			
 for main contacts for main contacts solid solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts solid 1 10 mm² 		Screw-type terminals		
solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) 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 finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² e at AWG cables for main contacts 2x (16 12), 2x (14 8) connectable conductor cross-section for main contacts 1 10 mm²				
solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²) finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (16 12), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²		$2x(1 - 2.5 \text{ mm}^2) 2x(2.5 - 10 \text{ mm}^2)$		
— finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • at AWG cables for main contacts 2x (1 12), 2x (14 8) connectable conductor cross-section for main contacts 1 10 mm² • solid 1 10 mm²				
• at AWG cables for main contacts 2x (16 12), 2x (14 8) connectable conductor cross-section for main contacts				
connectable conductor cross-section for main contacts 1 10 mm²				
contacts • solid 1 10 mm²				
• stranded 1 10 mm ²	• solid	1 10 mm²		
	• stranded			
• finely stranded with core end processing 1 10 mm ²	 finely stranded with core end processing 	1 10 mm²		
connectable conductor cross-section for auxiliary	connectable conductor cross-section for auxiliary			

contacts						
 solid or strand 	ed		0.5 2.5 mm²			
	I with core end processir	ng	0.5 2.5 mm² 0.5 2.5 mm²			
-	type of connectable conductor cross-sections					
 for auxiliary co 						
— solid or stranded		2x (0.5 1.5 mm²), 2x (0.7	′5 2.5 mm²)			
 — finely stranded with core end processing 		2x (0.5 1.5 mm²), 2x (0.7				
	s for auxiliary contacts	5	2x (20 16), 2x (18 14)			
AWG number as coded connectable conductor cross section						
 for main conta 	cts		16 8			
 for auxiliary co 	ontacts		20 14			
Safety related data						
product function						
 mirror contact 	according to IEC 60947-	-4-1	Yes			
	demand rate according t		450 000			
proportion of dange						
with low dema	nd rate according to SN	31920	40 %			
 with high demand rate according to SN 31920 with high demand rate according to SN 31920 		73 %				
	low demand rate accord		100 FIT			
T1 value for proof tes IEC 61508	T1 value for proof test interval or service life according to		20 у			
protection class IP 60529	protection class IP on the front according to IEC		IP20			
touch protection or	n the front according to	DIEC 60529	finger-safe, for vertical cont	tact from the front		
suitability for use						
 safety-related 	switching OFF		Yes			
Certificates/ approva	ls					
General Product A	pproval					
	ppiorai					
(SP)		<u>Confirmatic</u>		<u>KC</u>	EHC	
EMC	Functional Safety/Safety of Machinery	Declaration o	f Conformity	Test Certificates		
RCM	<u>Type Examination</u> <u>Certificate</u>	UK CA	CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	Type Test Certific- ates/Test Report	
Marine / Shipping						
		<u>ĴÅ</u>	Lloyd's Register			
ABS	BUREAU VERITAS	DNV	LRS	RINA	RMRS	
ABS	BUREAU VERITAS	DNV	LRS	RINA	RMRS	
ABS other <u>Confirmation</u>		DNV Confirmatic		RINA	RMRS	

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=3RT2024-1AN60

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2024-1AN60

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2024-1AN60

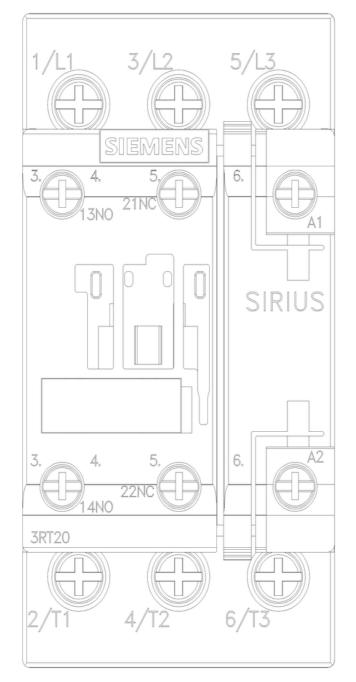
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2024-1AN60&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2024-1AN60/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2024-1AN60&objecttype=14&gridview=view1



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