SIEMENS

Data sheet 3RT2026-1AC24



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 24 V AC, 50/60 Hz, auxiliary contacts: 2 NO + 2 NC, screw terminal, size: S0, removable auxiliary switch

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
product extension	
 function module for communication 	No
auxiliary switch	No
power loss [W] for rated value of the current	
 at AC in hot operating state 	5.7 W
 at AC in hot operating state per pole 	1.9 W
without load current share typical	2.7 W
type of calculation of power loss depending on pole	quadratic
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 protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (operating 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
Weight	0.465 kg
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 %

Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	74.2 kg
Global Warming Potential [CO2 eq] during manufacturing	1.9 kg
Global Warming Potential [CO2 eq] during operation	72.4 kg
Global Warming Potential [CO2 eq] after end of life	-0.117 kg
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 at AC-1 	40 A
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	35 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
at AC-4 at 400 V rated valueat AC-5a up to 690 V rated value	15.5 A 35.2 A
at AC-5a up to 400 V rated value at AC-5b up to 400 V rated value	20.7 A
• at AC-6a	ZV.I A
— up to 230 V for current peak value n=20 rated value	20.2 A
— up to 400 V for current peak value n=20 rated value	20.2 A
— up to 500 V for current peak value n=20 rated value	20.2 A
— up to 690 V for current peak value n=20 rated value	12.9 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	13.5 A
— up to 400 V for current peak value n=30 rated value	13.5 A
 up to 500 V for current peak value n=30 rated value 	13.5 A
— up to 690 V for current peak value n=30 rated value	13 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm ²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	9 A
at 690 V rated value	9 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 100 V rated value — 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 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	0.0071
— 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-2 at 400 V rated value	11 kW
• at AC-3	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC-	
4	
• at 400 V rated value	4.4 kW
at 690 V rated value	7.7 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	8 kVA
• up to 400 V for current peak value n=20 rated value	13.9 kVA
• up to 500 V for current peak value n=20 rated value	17.4 kVA
• up to 690 V for current peak value n=20 rated value	15.4 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	5.3 kVA
 up to 400 V for current peak value n=30 rated value 	9.3 kVA
 up to 500 V for current peak value n=30 rated value 	11.6 kVA
up to 690 V for current peak value n=30 rated value	15.5 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	375 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	300 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	210 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	144 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	118 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	

• at AC	5 000 1/h
operating frequency	0 000 mil
at AC-1 maximum	1 000 1/h
at AC-1 maximum at AC-2 maximum	750 1/h
at AC-2 maximum at AC-3 maximum	750 1/h
at AC-3 maximum at AC-3e maximum	750 1/h
at AC-3e maximum at AC-4 maximum	750 1/h 250 1/h
at AC-4 maximum Control circuit/ Control	LOV III
	AC
type of voltage of the control supply voltage	AC
control supply voltage at AC	24 V
• at 50 Hz rated value	24 V
at 60 Hz rated value	24 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	81 VA
• at 60 Hz	79 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	10.5 VA
● at 60 Hz	8.5 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	
. 3 3	
• at AC	4 16 ms
	4 16 ms 10 10 ms
• at AC	
at AC arcing time	10 10 ms
at AC arcing time control version of the switch operating mechanism	10 10 ms
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous	10 10 ms Standard A1 - A2
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous	10 10 ms Standard A1 - A2
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact	10 10 ms Standard A1 - A2
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum	10 10 ms Standard A1 - A2
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	10 10 ms Standard A1 - A2
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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	10 10 ms Standard A1 - A2 2 10 A 6 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 690 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 60 V rated value at 60 V rated value at 60 V rated value at 60 V rated value at 60 V rated value at 60 V rated value	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 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 	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 125 V rated value	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A
at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value 	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 10 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value operational current at DC-13 	10 10 ms Standard A1 - A2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 1 A 0.15 A
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 690 V rated value at 690 V rated value at 48 V rated value at 48 V rated value at 48 V rated value at 110 V rated value at 125 V rated value at 120 V rated value at 1210 V rated value at 1220 V rated value at 220 V rated value at 24 V rated value operational current at DC-13 at 24 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 110 V rated value at 125 V rated value at 125 V rated value at 220 V rated value operational current at DC-13 at 24 V rated value operational current at DC-13 at 24 V rated value operational current at DC-13 at 24 V rated value 	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 48 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value at 24 V rated value at 25 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 20 V rated value at 48 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 48 V rated value at 60 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 110 V rated value at 220 V rated value at 200 V rated value at 600 V rated value at 24 V rated value at 600 V rated value at 24 V rated value at 600 V rated value at 600 V rated value at 48 V rated value at 48 V rated value at 600 V rated value at 110 V rated value at 110 V rated value 	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 7 A 1 A 1 A 1 A 1 A
 at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts 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 690 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 110 V rated value at 125 V rated value at 600 V rated value at 600 V rated value at 600 V rated value operational current at DC-13 at 24 V rated value at 24 V rated value at 48 V rated value at 10 V rated value at 110 V rated value 	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A

### A 1900 V rated value	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Marchael current (FLA) for 3-phase AC motor		. wany omitoning por 100 million (17 v, 1 mill)
# 48 40 V rated value 22 A # 28 40 V rated value 22 A # 28 40 V rated value 22 A # 3 50 V rated value 2 1 p # 4 50 V rated value 3 p # 4 50 V rated value 3 p # 4 50 V rated value 5 p # 4 50 V rated value 20 p # 5 p # 4 50 V rated value 20 p # 5		
* at 000 V rated value 22 A		21 A
vicinal mechanical performance (hp)		
• for single-phase AC motor — at 11012 V rated value — at 220 V rated value — at 220230 V rated value — at 375600 V rated value — at 420230 V rated value — at 420230 V rated value — at 420230 V rated value — at 575600 V rated value — at 575600 V rated value — at 575600 V rated value contact rating of auxillary contacts according to UL Short-activity profection design of the fuse link — with type of coordination 1 required — with type of assignment 2 required — with type of assignment 2 required — with type of assignment 2 required — with type of coordination 1 required — with type of coordination 1 required — so for short-activity profection of the auxiliary switch required — with type of coordination 1 required — with type of coordination 1 required — so for short-activity profection of the auxiliary switch required — so for short-activity profection of the auxiliary switch required — so for short-activity profection of the auxiliary switch required — so for short-activity profection of the auxiliary switch required — so for short-activity profection of the auxiliary switch required — fastening method side-by-side mounting — fastening method side-by-side mounting — with side-by-side mounting — with side-by-side mounting — of rowards — upwards — 10 mm — required spacing — of ownwards — 10 mm — of ownwards — 10 mm — o		LLIN
at 101/20 V rated value		
- at 220 V rated value - for 3-phase AC motor - at 200205 V rated value - at 200205 V rated value - at 400005 V rated value - at 400005 V rated value - at 575600 V rated value - with type of conditation in required - for short-circuit protection of the auxiliary switch required - with type of conditation in required - for short-circuit protection of the auxiliary switch required - with type of conditation in required - for short-circuit protection of the auxiliary switch required - with side-by-side mounting - fastening method side-by-side mounting - fastening method side-by-side mounting - with side-by-side mounting - with side-by-side mounting - with side-by-side mounting - of words - upwards - upwards - upwards - upwards - upwards - of more side-by-side mounting - forwards - upwards - upwar		2 hn
• for 3-phase AC motor — at 200/208 V rated value — at 200/208 V rated value — at 200/208 V rated value — at 460/460 V rated value — at 460/460 V rated value 20 hp contact rating of auxiliary contacts according to UL A600 / 0800 Short-circuit protection of the main circuit — with yib per of coordination 1 required — with yib per of coordination 1 required — with yib per of assignment 2 required — of a short-circuit protection of the main circuit — with yib per of coordination 1 required — with yib per of assignment 2 required — of a short-circuit protection of the auxiliary switch required — with yib per of coordination 1 required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of a short-circuit protection of the auxiliary switch required — of the short-circuit protection of the auxiliary switch required — of the short-circuit protection of the auxiliary switch required — of ownwards — of the short-circuit protection of the auxiliary and control circuit — of main contacts — of the auxiliary contacts — of th		·
at 200/2030 V rated value		- II
at 220/230 V rated value	·	5 hp
at 460/480 V rated value		
at 575/800 V rated value contact rating of auxiliary contacts according to U. Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit with type of coordination 1 required • for short-circuit protection of the main circuit with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for switching method side by-side mounting • for switching method • for switch		·
Short-circuit protection 4609 / C800		·
Short-circuit protection design of the fuse link - or short-circuit protection of the main circuit - with type of coordination 1 required gG: 100 A (890 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415 V, 80 kA) - with type of assignment 2 required gG: 35 A (690 V, 100 kA), aM: 20A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), aM: 20A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), aM: 20A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), aM: 20A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), aM: 20A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS88: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 100 kA), BS8: 35A (415 V, 80 kA) gG: 55 A (690 V, 10	contact rating of auxiliary contacts according to UL	
design of the fuse link • for short-circuit protection of the main circuit — with type of conditation 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Intellation/mounting/ dimensions mounting position fastening method side-by-side mounting fastening method side-by-side mounting fastening method side-by-side mounting fastening method side-by-side mounting • with side-by-side mounting — forwards — upwards — at the side — downwards — at the side — downwards — upwards • for jive parts — forivards — forwards — forwards — to mards • for live parts — forwards — upwards • for live parts — forwards — upwards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for live parts — forwards — to mards • for minimals type of electrical connection • for auxiliary and control circuit • for auxiliary stranded with core end processing • for AWG cables for main contacts • solid • connectable conductor cross-section for main contacts • solid • connectable control cross-section for main contacts • solid • connectable control cross-section for main contacts • solid		
### Special Control Co	design of the fuse link	
### Special Control Co	_	
• for short-circuit protection of the auxiliary switch required mounting dimensions mounting position ## 180° rotation possible on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 22.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and backward by ## 25.5° on vertical mounting surface; can be tilted forward and served by ## 25.5° on vertical mounting surface; can be tilted forward and served by ## 25.5° on vertical mounting surface; can be tilted forward and served by ## 25.	·	
Installation/ mounting/ dimensions -/-180" rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and support surface; can be tilted forward and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715	— with type of assignment 2 required	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)
# +180" rotation possible on vertical mounting surface; can be tilted forward and backward by vi- 22.5" on vertical mounting surface fastening method side-by-side mounting Yes fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width depth 141 mm required spacing with side-by-side mounting - forwards - upwards - downwards - at the side - downwards - at the side - for grounded parts - forwards - at the side - downwards - at the side - downwards - at the side - downwards - to fire live parts - forwards - to fire live parts - forwards - to man - at the side - downwards - to mm - to fire live parts - forwards - to man - upwards - to man - to man - upwards - to man - upwards - to man - to man - to man - upwards -	• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
fastening method side-by-side mounting fastening method fastening method sorew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width depth 141 mm required spacing • with side-by-side mounting — forwards — upwards — upwards — of more of main contacts • for grounded parts — of main cornection in contacts • of main contacts • of main contacts • for main contacts • for main contacts • for main contacts • for Wards cables for main contacts • solid • for wards • for main correct connection for main contacts • for lively standed with core end processing • for fawards • for main contacts • for main corrects connection for main contacts • for main corrects for main contacts • for fawards • for main contacts • for main contacts • for main contacts • for main contacts • for wards • for main contacts • for main contacts • for main contacts • for main contacts • for fawards • for main contacts • for fawards • for main contacts • for main contacts • for main contacts • solid • for fawards • for main contacts • for main contacts • for main contacts • solid • for fawards • for main contacts • for fawards • for main contacts • for main contacts • for fawards • for main contacts • for main contacts • for main contacts • for fawards • for fa	Installation/ mounting/ dimensions	
fastening method side-by-side mounting fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 45 mm depth 141 mm required spacing • with side-by-side mounting — forwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts — forwards 10 mm • for grounded parts — at the side 6 mm — downwards 10 mm — at the side 6 mm — at the side 7 mwards 10 mm — at the side 8 mm — at the side 9 mm — at the side 9 mm — at the side 10 mm — of orwards 10 mm — of orwards 10 mm — upwards 10 mm — downwards 10 mm — at the side 6 mm Convections/ Terminals type of electrical connection • for fauxiliary and control circuit 5 crew-type terminals • of magnet coil 5 crew-type terminals • of magnet coil 2x (1 2.5 mm²), 2x (2.5 10 mm²) • for main contacts — solid 5x (1 2.5 mm²), 2x (2.5 10 mm²) • for AWG cables for main contacts • solid - finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 10 mm²) • for AWG cables for main contacts • solid - for main contacts • solid - for main contacts • solid - finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 10 mm²), 1x 10 mm² • for AWG cables for main contacts • solid - for AWG cables for main contacts • solid - for AWG cables for main contacts • solid - solid - finely stranded or for main contacts • solid - for AWG cables for main contacts • solid - for AWG cables for main contacts • solid - solid - finely stranded or for main contacts • solid - solid - finely stranded or for main contacts • solid - finely stranded or for main contacts • solid - solid - finely stranded or for main contacts • solid - finely stranded or for main contacts • solid - finely stranded or for main contacts • solid - finely stranded or for main contacts • solid - finely stranded - finely stranded or for main contacts	mounting position	
festering method height ### As mm depth ### As mm depth ### As mm depth ### As mm depth ### As mm ### As mm ### As mm ### As mm ### As mm ### As mm ### As mm ### As mm ### As mm ##	factoring method side by side mounting	
height width 45 mm width 45 mm depth 141 mm required spacing 141 mm e with side-by-side mounting 10 mm — forwards 10 mm — downwards 10 mm — downwards 0 mm — for grounded parts 10 mm — forwards 10 mm — upwards 10 mm — downwards 10 mm — for live parts 10 mm — forwards 10 mm — downwards 10 mm — downwards 10 mm — downwards 10 mm — at the side 6 mm Connections/ Ferminals 10 mm — at the side 6 mm Connections/ Ferminals 5 crew-type terminals type of electrical connection \$ crew-type terminals • for auxiliary and control circuit \$ crew-type terminals • for main current circuit \$ crew-type terminals • for maject coil \$ crew-type terminals • for maject coil \$ crew-type terminals <td></td> <td></td>		
width 45 mm depth 141 mm required spacing		
depth		
required spacing with side-by-side mounting - forwards - upwards - downwards - at the side for grounded parts - forwards 10 mm - upwards 10 mm 6 mm - upwards 10 mm 10 mm 10 mm - at the side 6 mm - at the side 6 mm 6 for live parts - forwards 10 mm 10 mm 10 mm 6 for live parts - forwards 10 mm 10 mm Connections/ Terminals type of electrical connection for auxiliary and control circuit at contactor for auxiliary contacts of main cornectable conductor cross-sections for main contacts - solid - solid or stranded - finely stranded with core end processing for AWG cables for main contacts • for AWG cables for main contacts • solid 1 10 mm² 1 1 10 mm² 1 1 10 mm² 1 1 10 mm² 1		
 with side-by-side mounting forwards upwards 10 mm downwards 10 mm at the side o mm for grounded parts for grounded parts upwards 10 mm upwards 10 mm at the side 6 mm downwards 10 mm for live parts forwards upwards 10 mm for live parts downwards 10 mm downwards 10 mm downwards 10 mm downwards 10 mm for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil screw-type terminals of of magnet coil screw-type terminals of of magnet coil screw-type terminals for main contacts screw-type terminals of of magnet coil screw-type terminals scr	·	141111111
forwards		
- upwards - downwards - downwards - at the side • for grounded parts - forwards - upwards - upwards - at the side - downwards - at the side - downwards - at the side - downwards • for live parts - forwards - upwards - forwards - upwards - downwards - to mm - downwards - downwards - downwards - at the side - downwards - at the side - formards - formards - formards - for auxiliary and control circuit - for auxiliary and control circuit - for auxiliary contacts - for main contacts - solid - solid - solid - 2x (1 2.5 mm²), 2x (2.5 10 mm²) - finely stranded with core end processing - for AWG cables for main contacts - solid - for AWG cables for main contacts - solid - for AWG cables for main contacts - solid - solid - 1 10 mm² - for AWG cables for main contacts - solid - solid - solid - 1 10 mm²		10 mm
- downwards - at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - at the side 6 mm - downwards 10 mm • for live parts 10 mm • for rowards 10 mm • for live parts 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - 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 • for main contacts - solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) - finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 10 mm²) - for AWG cables for main contacts • solid 1 10 mm² connectable conductor cross-section for main contacts • solid 1 10 mm²		
- at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards • for live parts - forwards - upwards - downwards 10 mm • for live parts - forwards - upwards - downwards - downwards - downwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • solid 1 10 mm² connectable conductor cross-section for main contacts • solid 1 10 mm²	·	
• for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — 10 mm • for live parts — forwards — upwards — the side — downwards — at the side — 6 mm Connections/ Torminals type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • solid 1 10 mm² 1 10 mm²		
- forwards 10 mm - upwards 6 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for auxiliary and control circuit screw-type terminals • at contactor for auxiliary contacts • of magnet coil screw-type terminals • of main contacts - solid 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 • for AWG cables for main contacts - solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts - solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts - solid 1 10 mm²		V IIIIII
- upwards - at the side - downwards 10 mm • for live parts - forwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • solid connectable conductor cross-section for main contacts • solid 1 10 mm²		10 mm
- at the side - downwards 10 mm • for live parts - forwards - upwards - downwards 10 mm - downwards 10 mm - downwards - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • solid connectable conductor cross-section for main contacts • solid connectable conductor cross-section for main contacts • solid 1 10 mm²		
- downwards • for live parts - forwards - upwards - upwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at connectable conductor cross-sections • for main contacts - solid - solid - solid - finely stranded with core end processing • for AWG cables for main contacts • solid • for live parts 10 mm 10	- P	
 for live parts forwards upwards downwards at the side 6 mm Connections/ Terminals type of electrical connection for main current circuit at contactor for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts ascrew-type terminals Screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals Type of connectable conductor cross-sections for main contacts solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) x (1 2.5 mm²), 2x (2.5 10 mm²) x (1 2.5 mm²), 2x (2.5 10 mm²) x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² for AWG cables for main contacts x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² tonnectable conductor cross-section for main contacts solid 1 10 mm² 		
forwards		
- upwards - downwards - at the side Connections/ Terminals type of electrical connection	•	10 mm
- downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • solid 1 10 mm²		
— at the side 6 mm Connections/ Terminals type of electrical connection	·	
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • for AWG cables for main contacts • solid 1 10 mm²		
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts • solid connectable conductor cross-section for main contacts • solid 1 10 mm²		
 for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Screw-type terminals of magnet coil Screw-type terminals for main contacts solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) — solid or stranded — finely stranded with core end processing for AWG cables for main contacts solid 1 10 mm² 1 10 mm² 		
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Screw-type terminals for main contacts solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) solid or stranded for auxiliary and control circuit screw-type terminals 2x (1 2.5 mm²), 2x (2.5 10 mm²) finely stranded with core end processing for AWG cables for main contacts for AWG cables for main contacts solid 1 10 mm² 		screw-type terminals
 at contactor for auxiliary contacts of magnet coil Screw-type terminals type of connectable conductor cross-sections for main contacts — solid — solid or stranded — finely stranded with core end processing for AWG cables for main contacts a for AWG cables for main contacts b solid Screw-type terminals 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 1 10 mm² 		
● of magnet coil Screw-type terminals type of connectable conductor cross-sections ● for main contacts — solid — solid or stranded — solid or stranded or finely stranded with core end processing of for AWG cables for main contacts ■ solid connectable conductor cross-section for main contacts ■ solid Screw-type terminals 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) connectable conductor cross-section for main contacts ■ solid	•	
type of connectable conductor cross-sections • for main contacts — solid — 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 • for AWG cables for main contacts • solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8)	•	
 for main contacts — solid		
 — solid or stranded — finely stranded with core end processing ● for AWG cables for main contacts ● solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 		
 — solid or stranded — finely stranded with core end processing ● for AWG cables for main contacts ● solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 	— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
 — finely stranded with core end processing ● for AWG cables for main contacts Exercise (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) Connectable conductor cross-section for main contacts ● solid 1 10 mm² 		
• for AWG cables for main contacts connectable conductor cross-section for main contacts • solid 2x (16 12), 2x (14 8) 1 10 mm²	 finely stranded with core end processing 	
connectable conductor cross-section for main contacts ● solid 1 10 mm²		
• stranded 1 10 mm²	• solid	1 10 mm²
	• stranded	1 10 mm²

finely stranded with core end processing	1 10 mm²
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 2.5 mm²
finely stranded with core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section	
for main contacts	16 8
for auxiliary contacts	20 14
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
 positively driven operation according to IEC 60947-5-1 	No
suitable for safety function	Yes
suitability for use safety-related switching OFF	Yes
service life maximum	20 a
test wear-related service life necessary	Yes
proportion of dangerous failures	
 with low demand rate according to SN 31920 	40 %
 with high demand rate according to SN 31920 	73 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Approvals Certificates	

General Product Approval





Confirmation





<u>KC</u>

General Product Approval

EMV

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping









Miscellaneous

other

Confirmation

other Railway Environment



Further information

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=3RT2026-1AC24

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-1AC24

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1AC24

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

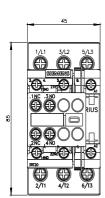
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2026-1AC24&lang=en

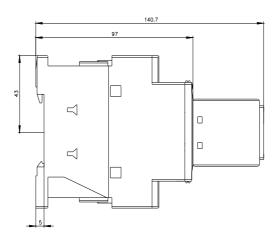
Characteristic: Tripping characteristics, I²t, Let-through current

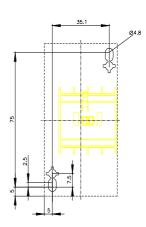
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1AC24/char

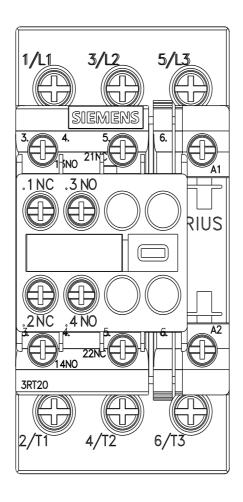
Further characteristics (e.g. electrical endurance, switching frequency)

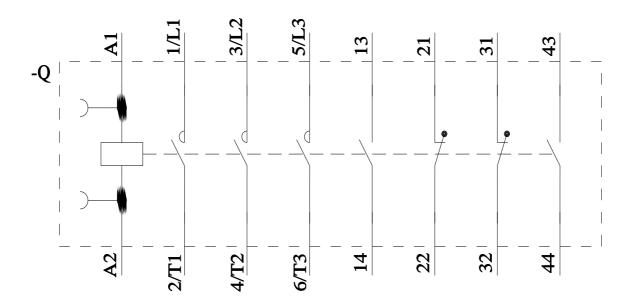
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-1AC24&objecttype=14&gridview=view1











last modified:

7/19/2024

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3RT20261AC24