SIEMENS

Data sheet 3RT2047-1AL20



power contactor, AC-3e/AC-3, 110 A, 55 kW / 400 V, 3-pole, 230 V AC, 50/60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S3 $\,$

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S3
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 	23.7 W
 at AC in hot operating state per pole 	7.9 W
without load current share typical	25 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	1 000 V
of auxiliary circuit with degree of pollution 3 rated value	690 V
surge voltage resistance	
of main circuit rated value	8 kV
of auxiliary circuit rated value	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	690 V
shock resistance at rectangular impulse	
• at AC	10.3g / 5 ms, 6,.g / 10 ms
shock resistance with sine pulse	
• at AC	16.3g / 5 ms, 10.g / 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)	03/01/2017
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 	1 000 V
• at AC-3e rated value maximum	1 000 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	130 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated	130 A
value	
 up to 690 V at ambient temperature 60 °C rated value 	110 A
• at AC-3	
— at 400 V rated value	110 A
— at 500 V rated value	110 A
— at 690 V rated value	98 A
— at 1000 V rated value	30 A
• at AC-3e	30 A
	110 A
— at 400 V rated value	
— at 500 V rated value	110 A
— at 690 V rated value	98 A
— at 1000 V rated value	30 A
at AC-4 at 400 V rated value	97 A
at AC-5a up to 690 V rated value	120 A
at AC-5b up to 400 V rated value	110 A
• at AC-6a	
 up to 230 V for current peak value n=20 rated value 	98 A
 up to 400 V for current peak value n=20 rated value 	98 A
 up to 500 V for current peak value n=20 rated value 	98 A
 up to 690 V for current peak value n=20 rated value 	98 A
• at AC-6a	
 up to 230 V for current peak value n=30 rated value 	65.3 A
 up to 400 V for current peak value n=30 rated value 	65.3 A
 up to 500 V for current peak value n=30 rated value 	65.3 A
 up to 690 V for current peak value n=30 rated value 	65.3 A
minimum cross-section in main circuit at maximum AC-1 rated	50 mm ²
operational current for approx. 200000 operating cycles at	
AC-4	
• at 400 V rated value	46 A
• at 690 V rated value	36 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	100 A
— at 60 V rated value	60 A
— at 110 V rated value	9 A
— at 220 V rated value	2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.4 A
with 2 current paths in series at DC-1	
— at 24 V rated value	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
	10 A
— at 220 V rated value	
— at 440 V rated value	1.8 A
— at 600 V rated value	1 A
with 3 current paths in series at DC-1	400 A
— at 24 V rated value	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	80 A
— at 440 V rated value	4.5 A

— at 600 V rated value	2.6 A
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	40 A
— at 60 V rated value	6 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.15 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	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	7 A
— at 440 V rated value	0.42 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	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	35 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.35 A
operating power	
• at AC-2 at 400 V rated value	55 kW
• at AC-3	
— at 230 V rated value	30 kW
— at 400 V rated value	55 kW
— at 500 V rated value	75 kW
— at 690 V rated value	90 kW
— at 1000 V rated value	37 kW
• at AC-3e	
— at 230 V rated value	30 kW
— at 400 V rated value	55 kW
— at 500 V rated value	75 kW
— at 690 V rated value	90 kW
— at 1000 V rated value	37 kW
operating power for approx. 200000 operating cycles at AC-	
4	
at 400 V rated value	24.3 kW
at 690 V rated value	32.9 kW
operating apparent power at AC-6a	
 up to 230 V for current peak value n=20 rated value 	39 kVA
 up to 400 V for current peak value n=20 rated value 	67 kVA
 up to 500 V for current peak value n=20 rated value 	84 kVA
up to 690 V for current peak value n=20 rated value	117 kVA
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	26 kVA
 up to 400 V for current peak value n=30 rated value 	45.2 kVA
 up to 500 V for current peak value n=30 rated value 	56.5 kVA
up to 690 V for current peak value n=30 rated value	78 kVA
short-time withstand current in cold operating state up to 40 °C	
limited to 1 s switching at zero current maximum	1 960 A; Use minimum cross-section acc. to AC-1 rated value
limited to 7 s switching at zero current maximum	1 502 A; Use minimum cross-section acc. to AC-1 rated value
limited to 3 3 switching at zero current maximum	1 095 A; Use minimum cross-section acc. to AC-1 rated value
limited to 10's switching at zero current maximum limited to 30's switching at zero current maximum	707 A; Use minimum cross-section acc. to AC-1 rated value
limited to 50 s switching at zero current maximum limited to 60 s switching at zero current maximum	562 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	552, 500 minimum 5.000 coolion ado. to 710 mateu value
at AC	5 000 1/h
operating frequency	0 000 1/11
at AC-1 maximum	900 1/h
- at AO T maximall	000 mi

 at AC-2 maximum 	350 1/h
• at AC-3 maximum	850 1/h
 at AC-3e maximum 	850 1/h
at AC-4 maximum	200 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	230 V
at 60 Hz rated value	230 V
operating range factor control supply voltage rated value of magnet coil at AC	
● at 50 Hz	0.8 1.1
● at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
● at 50 Hz	348 VA
● at 60 Hz	296 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.62
● at 60 Hz	0.55
apparent holding power of magnet coil at AC	
● at 50 Hz	25 VA
● at 60 Hz	18 VA
inductive power factor with the holding power of the coil	
● at 50 Hz	0.35
● at 60 Hz	0.41
closing delay	
• at AC	13 50 ms
opening delay	
• at AC	10 21 ms
arcing time	10 20 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	1
contact operational current at AC-12 maximum	1 10 A
contact	
contact operational current at AC-12 maximum	
contact operational current at AC-12 maximum operational current at AC-15	10 A 6 A 3 A
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 A 6 A 3 A 2 A
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 A 6 A 3 A
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 A 6 A 3 A 2 A 1 A
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 A 6 A 3 A 2 A 1 A
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	10 A 6 A 3 A 2 A 1 A
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	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A
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	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A
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 • at 110 V rated value • at 125 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A
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 • at 125 V rated value • at 220 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value	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
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 220 V rated value	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
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 640 V rated value • at 650 V rated value	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
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 110 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value operational current at DC-13 • at 24 V rated value • at 60 V rated value • at 60 V rated value • at 60 V rated value	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
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 220 V rated value • at 600 V rated value • at 110 V rated value	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
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 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 125 V rated value • at 600 V rated value • at 125 V rated value	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 10 A 2 A 2 A 1 A 0.9 A
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 • at 125 V rated value • at 600 V rated value • at 148 V rated value • at 148 V rated value • at 150 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value	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 10 A 2 A 2 A 1 A 0.9 A 0.3 A
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 148 V rated value • at 155 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 320 V rated value	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 10 A 2 A 2 A 1 A 0.9 A 0.3 A 0.1 A
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 48 V rated value • at 48 V rated value • at 220 V rated value • at 600 V rated value • at 125 V rated value	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 10 A 2 A 2 A 1 A 0.9 A 0.3 A
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 148 V rated value • at 155 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 320 V rated value	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 10 A 2 A 2 A 1 A 0.9 A 0.3 A 0.1 A
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 • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 48 V rated value • at 48 V rated value • at 220 V rated value • at 600 V rated value • at 125 V rated value	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 10 A 2 A 2 A 1 A 0.9 A 0.3 A 0.1 A

# 200 V rinder value yielded mechanical performance (hp) # 10's single-phase AC motor — at 1101/30' V rated value — at 200/280 V rated value — at 40 hp — at 575000 V rated value — or 100 hp ABOV PB00 Short-clicular protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required — with type of experiment 2 required — with type of assignment 2 required — upwards — type of assignment 2 required — type of assignment 2 required		•••
yielded mechanical performance (bp) • for single phase AC motor — at 110/120 V rated value — at 200208 V rated value — at 400480 V rated value — at 400480 V rated value — at 50000 V rated value — to 50000 V rated value — with type of easignment 2 required * for short-circular protection of the auxiliary evitch required * for short-circular protection of the auxiliary evitch required * for short-circular protection of the auxiliary evitch required * for short-circular protection of the auxiliary evitch required * for short-circular protection of the auxiliary evitch required * for short-circular protection of the auxiliary evitch required * for short-circular protection of the auxiliary contacts — upwards — upwards — of many circular evitch and the format and the side — of many circular evitch and the side — of many and control directl — of many and control d	• at 480 V rated value	96 A
or is rangle-phase AC motor		99 A
- at 230 V rised value • for 3-phase AC motor - at 200230 V rated value - at 40 hp - at 575600 V rated value - with type of condition of the main circuit - with type of condition in 1 required - with type of assignment 2 required - with a state of the auxiliary switch required - sate-ing method - sate-hy-side mounting - with sate-by-side mounting - with sate-by-side mounting - with sate-by-side mounting - with sate-by-side mounting - forwards - downwards - downwards - forwards - converted - upwards - forwards - or manuel parts - forwards - or with sate-by-side mounting - at the side - forwards - or with sate-by-side mounting - of the side - forwards - or with sate-by-side mounting - of the side - forwards - or manuel parts - o	 for single-phase AC motor 	
* for 3-phase AC motor	— at 110/120 V rated value	10 hp
	— at 230 V rated value	20 hp
- al 220/230 V raied value - al 46 hp 75 h	 for 3-phase AC motor 	
	 at 200/208 V rated value 	30 hp
	 at 220/230 V rated value 	40 hp
contact rating of auxiliary contacts according to UL Short-circuit protection design of the fus link • 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 • side by-side mounting • side by-side mounting • side by-side mounting • with side-by-side mounting • with side-by-side mounting • with side-by-side mounting • with side-by-side mounting • for grounded parts • convards • commards •	— at 460/480 V rated value	75 hp
Short-circuit protection design of the fuse link - with type of coordination 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 - 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 short-circuit protection of the auxiliary contacts - for short-circuit protection of the auxiliary contacts - solid - stranded - finely stranded with core end processing - for sulliary contacts - solid - stranded - finely stranded with core end processing - for nouniting position - for none-circuit core auxiliary contacts - solid - stranded - finely stranded with core end processing - for nouniting position - for none-circuit core auxiliary contacts - solid - stranded - finely stranded with core end processing - for nouniting position - for none-circuit conductor cross-section for main contacts - solid - stranded - finely stranded with core end processing - for nouniting position - for none-circuit contacts - f	— at 575/600 V rated value	100 hp
design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 2 required — of reshort-circuit protection of the auxiliary switch required Installation mounting dimensions mounting position — shillow repair and a sale of the auxiliary switch required — side-by-side mounting — with side-by-side mounting — with side-by-side mounting — with side-by-side mounting — of morards — upwards — upwards — of or grounded parts — for grounded parts — for grounded parts — for wards — upwards — of the side — of morards — of the side — of morards	contact rating of auxiliary contacts according to UL	A600 / P600
• for short-circuit protection of the main circuit — with type of coordination 1 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 contacts • for wards • for wards • for main current circuit • for auxiliary contacts • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • for minely stranded with core end processing • solid • stranded • finely stranded with core end processing • for auxiliary contacts • solid • stranded • finely stranded with core end processing • for auxiliary contacts • solid • stranded • finely stranded with core end processing • for auxiliary contacts • solid • stranded • finely stranded with core end processing • for auxiliary contacts • solid • stranded • finely stranded with core end processing • for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts • for own auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts • for own auxiliary contacts • for own auxiliary contacts • for own auxiliary contac	Short-circuit protection	
with type of coordination 1 required (A) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), BS88: 160 A (415 V, 8 kA) (Seo V, 100 kA), akt: 160 A (690 V, 100 kA), akt: 160 A (100 V, 100 KA), akt: 160 A (100 V, 100 KA), akt: 160 A (1	design of the fuse link	
- with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required mounting position ***Title** (Sour V, 1 kA) **Title** (S	• for short-circuit protection of the main circuit	
- with type of assignment 2 required	— with type of coordination 1 required	gG: 250 A (690 V, 100 kA), aM: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 80 kA)
mounting position #-F-22.5" on vertical mounting surface; can be tilted forward an backward by +F-22.5" on vertical mounting surface. fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 **es	— with type of assignment 2 required	
mounting position #AF-180* rotation possible on ventical mounting surface, can be titled forward an backward by +#-2.5.5* on vertical mounting surface scan be titled forward an backward by +#-2.5.5* on ventical mounting surface scan be titled forward an backward by +#-2.5.5* on ventical mounting surface scan be titled forward an backward by +#-2.5.5* on ventical mounting surface scan be titled forward an backward by +#-2.5.5* on ventical mounting surface scan be titled forward an backward by +#-2.5.5* on mounting onto 35 mm DIN rail according to DIN EN 60715 ##OFF TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
backward by +f- 22.5" on vertical mounting surface side-by-side mounting + side-by-side mounting Yes height 440 mm width 70 mm depth 70 mm fequred spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — oman for grounded parts — for grounded parts — in for grounded parts — at the side — downwards — upwards — to man — at the side — downwards — to man — at the side — downwards — to man — at the side — downwards — to man — at the side — downwards — to man — at the side — downwards — to man — to rive parts — forwards — upwards — to man — to	Installation/ mounting/ dimensions	
fastening method • side-by-side mounting		+/-180° rotation possible on vertical mounting surface; can be tilted forward and
height 140 mm width 770 mm 152 mm required spacing with side-by-side mounting 152 mm required spacing with side-by-side mounting — forwards 20 mm — upwards 10 mm — downwards 10 mm — for grounded parts — for grounded par		backward by +/- 22.5° on vertical mounting surface
height width 70 mm depth 152 mm required spacing • with side-by-side mounting — forwards 20 mm — upwards 10 mm — downwards 10 mm — forwards 20 mm — of the side 9 mm — at the side 10 mm — at the side 10 mm — downwards 10 mm — at the side 10 mm — downwards 10 mm — downwards 10 mm — to river at the side 10 mm — of river at the side 10 mm — of or live parts 10 mm — of or live parts 10 mm — of or main current circuit 10 mm — of main current circuit 10 mm — of main current circuit 10 screw-type terminals 10 screw-type t	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
width 70 mm depth 152 mm required spacing with side-by-side mounting — forwards 20 mm — upwards 10 mm — downwards 10 mm — at the side 0 mm — for grounded parts — forwards 20 mm — upwards 10 mm — at the side 0 mm — at the side 10 mm — downwards 10 mm — at the side 10 mm — forwards 20 mm — upwards 10 mm — at the side 10 mm — forwards 20 mm — upwards 10 mm — for auxiliary and control circuit screw-type terminals type of electrical connection or auxiliary contacts or finely stranded with core end processing 2x (2.5 35 mm² (2.5 50 mm² connectable conductor cross-section for auxiliary contacts • finely stranded with core end processing 2.5 2.5 mm² • finely stranded with core end processing 2.5 2.5 mm² • finely stranded with core end processing 2.5 2.5 mm² • finely stranded with core end processing 2.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • for auxiliary contacts	side-by-side mounting	Yes
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — of or grounded parts — forwards — upwards — 10 mm — at the side — downwards — 10 mm — of main contacts — forwards — upwards — upwards — upwards — upwards — of with garts — forwards — upwards — to main contaction — at the side — to main current circuit — for auxiliary and control circuit — of or auxiliary and control circuit — of or auxiliary and control circuit — at contactor for auxiliary contacts — of magnet coil type of connectable conductor cross-section for main contacts — finely stranded with core end processing — connectable conductor cross-section for auxiliary contacts — solid — finely stranded with core end processing — connectable conductor cross-section for auxiliary contacts — solid or stranded — finely stranded with core end processing — connectable conductor cross-section for auxiliary contacts — solid or stranded — finely stranded with core end processing — connectable conductor cross-section for auxiliary contacts — solid or stranded — finely stranded with core end processing — connectable conductor cross-section for auxiliary contacts — solid or stranded — finely stranded with core end processing —	height	140 mm
required spacing with side-by-side mounting — forwards — upwards — downwards — at the side — for grounded parts — forwards — upwards — upwards — upwards — upwards — upwards — upwards — the side — downwards — 10 mm — at the side — downwards — 10 mm — of or live parts — forwards — upwards — upwards — upwards — upwards — downwards — upwards — to mm — at the side — to mm — at the side — to mm — at the side — to mm Connections/ Torminals 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 • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-sections • for auxiliary contacts	width	70 mm
• with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — upwards — upwards — upwards — upwards — at the side — downwards — at the side — downwards — to five parts — forwards — upwards — the side — to mm Connections/ Terminals type of electrical connection • for auxiliary and control circuit • of or auxiliary and control circuit sorew-type terminals • of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing conne	depth	152 mm
forwards	required spacing	
- upwards	with side-by-side mounting	
- 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 - for live parts - forwards - upwards - downwards - downwards - downwards - downwards - downwards - at the side - downwards - at the side - downwards - at the side - for main current circuit - for auxiliary and control circuit - for auxiliary and control circuit - of magnet coil type of connectable conductor cross-section for main contacts - solid - stranded - finely stranded with core end processing connectable conductor cross-section for auxiliary contacts - solid - stranded - finely stranded with core end processing connectable conductor cross-section for auxiliary contacts - solid - stranded - finely stranded with core end processing connectable conductor cross-section for auxiliary contacts - solid - stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts - solid or stranded - finely stranded with core end processing - for auxiliary contacts	— forwards	20 mm
- at the side • for grounded parts - forwards - upwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - for live parts - forwards - upwards - upwards - upwards - upwards - downwards - at the side 10 mm - downwards - upwards - upwards - to mm - downwards - at the side 10 mm - at the side 10 mm - or mm - at the side - to mm - to 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 • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts	— upwards	10 mm
• for grounded parts — forwards — upwards — at the side — downwards — 10 mm • for live parts — forwards — upwards — torwards — upwards — upwards — upwards — downwards — 10 mm • for live parts — forwards — upwards — 10 mm — at the side — downwards — 10 mm — at the side — 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • finely stranded with core end processing • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts	— downwards	10 mm
forwards 20 mm upwards 10 mm at the side 10 mm downwards 10 mm • for live parts forwards 20 mm upwards 10 mm downwards 10 mm downwards 10 mm at the side 50 mm forwards 50 mm upwards 50 mm upwards 50 mm downwards 50 mm at the side 50 mm	— at the side	0 mm
- upwards - at the side - downwards 10 mm • for live parts - forwards - upwards - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 10 mm - at the side 10 mm - at the side 10 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 • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid of the finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid of the finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid of stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-sections • for auxiliary contacts	for grounded parts	
- at the side	-	20 mm
- at the side	— upwards	10 mm
- downwards • for live parts - forwards - upwards - downwards - at the side 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-section for main contacts • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • for auxiliary contacts	•	10 mm
• for live parts forwards upwards upwards downwards at the side the sid		
forwards 20 mm upwards 10 mm downwards 10 mm at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • at contactor for auxiliary contacts Screw-type terminals • of magnet coil screw-type terminals • of magnet coil screw-type terminals • of magnet coil screw-type terminals • of inely stranded with core end processing 2x (2.5 35 mm²), 1x (2.5 50 mm²) connectable conductor cross-section for main contacts • solid 2.5 16 mm² • stranded 6 70 mm² connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing 2.5 50 mm² connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing 0.5 2.5 mm² type of connectable conductor cross-sections • finely stranded with core end processing 0.5 2.5 mm² type of connectable conductor cross-sections • for auxiliary contacts		
- upwards - downwards - downwards - at the side 10 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-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts	•	20 mm
- downwards - at the side 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 • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid 0.5 2.5 mm² connectable conductor cross-section for auxiliary contacts • solid 0.5 2.5 mm² connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-sections • for auxiliary contacts • for auxiliary contacts		
- at the side 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 • finely stranded with core end processing • stranded • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts	•	
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 • finely stranded with core end processing • solid • stranded • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts		
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 • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts		IV IIIII
• 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 • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • finely stranded conductor cross-sections • for auxiliary contacts		
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts finely stranded with core end processing solid stranded finely stranded with core end processing 2.5 16 mm² stranded finely stranded with core end processing finely stranded with core end processing finely stranded with core end processing solid or stranded finely stranded with core end processing finely stranded with core end processing solid or stranded finely stranded with core end processing finely stranded with core end processing finely stranded conductor cross-sections finely stranded conductor cross-sections for auxiliary contacts 		
 at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts finely stranded with core end processing solid stranded stranded finely stranded with core end processing 2.5 16 mm² stranded finely stranded with core end processing finely stranded with core end processing solid or stranded finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded with core end processing finely stranded with core end processing for auxiliary contacts 		
of magnet coil type of connectable conductor cross-sections for main contacts of finely stranded with core end processing connectable conductor cross-section for main contacts of solid of stranded of finely stranded with core end processing connectable conductor cross-section for main contacts of finely stranded with core end processing connectable conductor cross-section for auxiliary contacts of solid or stranded of finely stranded with core end processing of finely stranded with core end processing type of connectable conductor cross-sections of for auxiliary contacts	•	
type of connectable conductor cross-sections for main contacts • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • finely connectable conductor cross-sections • for auxiliary contacts	•	
 finely stranded with core end processing connectable conductor cross-section for main contacts solid stranded finely stranded with core end processing finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded with core end processing finely connectable conductor cross-sections for auxiliary contacts 		Screw-type terminals
connectable conductor cross-section for main contacts • solid • stranded • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • finely connectable conductor cross-sections • for auxiliary contacts		2x (2.5 35 mm²) 1x (2.5 50 mm²)
 solid stranded finely stranded with core end processing finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts 		
 stranded finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts 		2.5 16 mm²
 ◆ finely stranded with core end processing 2.5 50 mm² connectable conductor cross-section for auxiliary contacts ◆ solid or stranded ◆ finely stranded with core end processing type of connectable conductor cross-sections ◆ for auxiliary contacts 		
connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts		
 solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts 		۷.5 کا mm²
• finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts 0.5 2.5 mm²	-	
type of connectable conductor cross-sections • for auxiliary contacts		
• for auxiliary contacts		0.5 2.5 mm²
— solid or stranded 2v (0.5 1.5 mm²) 2v (0.75 2.5 mm²)	•	
— 30110 01 Strattucu	— 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	10 2	
 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	
suitability for use safety-related switching OFF	Yes	
B10 value with high demand rate according to SN 31920	1 000 000	
proportion of dangerous failures		
 with low demand rate according to SN 31920 	40 %	
 with high demand rate according to SN 31920 	73 %	
failure rate [FIT] with low demand rate according to SN 31920	100 FIT	
T1 value for proof test interval or service life according to IEC 61508	20 a	
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	
Certificates/ approvals		

General Product Approval



Confirmation





<u>KC</u>



|--|



Type Examination Cer**tificate**





Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping













other	Railway	Dangerous Good	Environment

Confirmation Vibration and Shock **Transport Information Environmental Confirmations**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

m/mall/en/en/Catalog/product?mlfb=3RT2047-1AL20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2047-1AL20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2047-1A

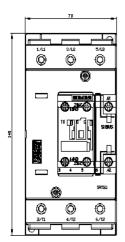
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RT2047-1AL20&lang=en

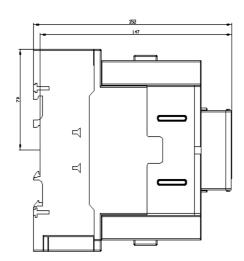
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2047-1AL20/char

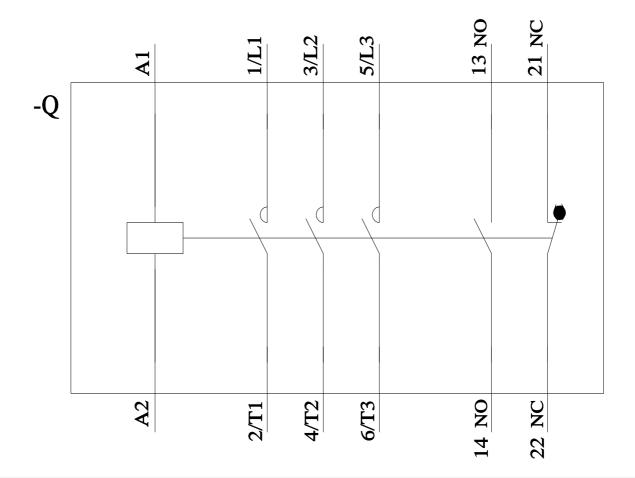
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2047-1AL20&objecttype=14&gridview=view1









last modified: 8/15/2023 🖸

Mouser Electronics

Authorized Distributor

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

Siemens:

3RT20471AL20