SIEMENS

Data sheet 3RT2024-1AB00



power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NO + 1 NC, 24 V AC, 50 Hz 3-pole, Size S0 screw terminal

product designation Power contactor product type designation SRT2 Size of contactor So product extension • function module for communication • auxiliary switch power loss [W] for rated value of the current at AC in hot operating state • per pole power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value • of suxiliary circuit rated value • of the contactor with sine pulse • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage - So +80 °C Main circuit number of poles for main current circuit number of poles for main current circuit number of poreational current operational current operational current	product brand name	SIRIUS
size of contactor product extension • function module for communication • auxiliary switch power loss [W] for rated value of the current at AC in hot operating state • per pole power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block • of the contactor with added auxiliary switch block • of the contactor with added auxiliary switch block • of the contactor with added auxiliary switch block • of the contactor with added auxiliary switch block • of the contactor with added = ectronically optimized auxiliary switch block typical • of the contactor with added = ectronically optimized au	product designation	Power contactor
size of contactor product extension • function module for communication • auxiliary switch power loss [W] for rated value of the current at AC in hot operating state • per pole • per pole power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC for contactor with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage • ambient temperature during storage • operating voltage at AC-3 rated value maximum • operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum size of the contactor of the current without and the current circuit and the contactor of the contactor of the current circuit and the current contacts operating voltage at AC-3 rated value maximum size of the current and contacts operating voltage at AC-3 rated value maximum and circuit and c	product type designation	3RT2
product extension • function module for communication • auxiliary switch power loss [W] for rated value of the current at AC in hot operating state • per pole power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value aximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage • 25 +60 °C • 55 +80 °C Main circuit number of poles for main current circuit anumber of Poles for main current circuit number of NO contacts for main current circuit operating voltage at AC-3 rated value maximum	General technical data	
• function module for communication • auxiliary switch power loss [W] for rated value of the current at AC in hot operating state • per pole power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value • at AC shock resistance at rectangular impulse • at AC rechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added electronically optimized auxiliary	size of contactor	S0
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power loss [W] for rated value of the current at AC in hot operating state • per pole • per pole power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical	 function module for communication 	No
operating state oper pole power loss [M] for rated value of the current without load current share typical surge voltage resistance of main circuit rated value of auxiliary circuit rated value of the contacts acc. to EN 60947-1 shock resistance at rectangular impulse ot AC shock resistance with sine pulse of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum ombient temperature during operation ombient temperature during storage Main circuit number of poles for main current circuit number of poles for main current circuit number of poles for main current circuit number of poles for main current circuit onumber of NO contacts for main contacts operating voltage at AC-3 rated value maximum 0.5 W 6 kV 6 kV 400 V 400 V 400 V 10 000 000 5 ms, 4,7g / 10 ms 10 000 000 5 000 000 5 000 000 5 000 000	auxiliary switch	Yes
power loss [W] for rated value of the current without load current share typical surge voltage resistance • of main circuit rated value • of auxiliary circuit rated value (a kV) maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC rocontactor typical • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of contactor with added auxiliary switch block typ		1.5 W
Surge voltage resistance of main circuit rated value 6 kV of auxiliary circuit rated value 6 kV waximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse other contacts acc. to EN 60947-1 shock resistance with sine pulse other contactor with sine pulse other contactor typical 10,000,000 of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added electronically optimized of the contactor	• per pole	0.5 W
of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse o at AC	power loss [W] for rated value of the current without load current share typical	7.6 W
of auxiliary circuit rated value maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse	surge voltage resistance	
maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage Main circuit number of poles for main current circuit number of NO contacts for main contacts • operating voltage at AC-3 rated value maximum 400 V 7,5g / 5 ms, 4,7g / 10 ms 11,8g / 5 ms, 7,4g / 10 ms 10 000 000 10 000 000 10 000 000 10 000 00		6 kV
shock resistance at rectangular impulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage **ABO C** Main circuit number of NO contacts for main current circuit number of NO contacts for main contacts • operating voltage at AC-3 rated value maximum 690 V	·	6 kV
• at AC shock resistance with sine pulse • at AC mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage Ain circuit number of poles for main current circuit number of NO contacts for main contacts • operating voltage at AC-3 rated value maximum 7,5g / 5 ms, 4,7g / 10 ms 10,000 000 10,		400 V
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mechanical service life (switching cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage Main circuit number of poles for main current circuit number of NO contacts for main contacts • operating voltage at AC-3 rated value maximum 10 000 000 20 000 10 000 000 10 000 000 10 000 00	shock resistance with sine pulse	
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of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code acc. to IEC 81346-2 Ambient conditions installation altitude at height above sea level maximum oambient temperature during operation oambient temperature during storage Main circuit number of poles for main current circuit number of NO contacts for main contacts operating voltage at AC-3 rated value maximum 5 000 000 10 000 000 10 000 000 10 000 00	mechanical service life (switching cycles)	
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reference code acc. to IEC 81346-2 Q Ambient conditions installation altitude at height above sea level maximum 2 000 m • ambient temperature during operation -25 +60 °C • ambient temperature during storage -55 +80 °C 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		5 000 000
Ambient conditions installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage -25 +60 °C • ambient temperature during storage -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts • operating voltage at AC-3 rated value maximum 690 V		10 000 000
installation altitude at height above sea level maximum • ambient temperature during operation • ambient temperature during storage -25 +60 °C • ambient temperature during storage -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts • operating voltage at AC-3 rated value maximum 690 V	reference code acc. to IEC 81346-2	Q
 ambient temperature during operation ambient temperature during storage -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts operating voltage at AC-3 rated value maximum -25 +60 °C 3 690 V 	Ambient conditions	
ambient temperature during storage -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts operating voltage at AC-3 rated value maximum 690 V	installation altitude at height above sea level maximum	2 000 m
Main circuit number of poles for main current circuit number of NO contacts for main contacts o operating voltage at AC-3 rated value maximum 690 V	 ambient temperature during operation 	-25 +60 °C
number of poles for main current circuit number of NO contacts for main contacts operating voltage at AC-3 rated value maximum 690 V	 ambient temperature during storage 	-55 +80 °C
number of NO contacts for main contacts 3 ● operating voltage at AC-3 rated value maximum 690 V	Main circuit	
operating voltage at AC-3 rated value maximum 690 V	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-1 at 400 V at ambient temperature 40 °C rated value at AC-1 	40 A
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	40 A
 — up to 690 V at ambient temperature 60 °C rated value 	35 A
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	12 A
— at 690 V rated value	9 A
• at AC-4 at 400 V rated value	12.5 A
• at AC-5a up to 690 V rated value	35.2 A
at AC-5b up to 400 V rated value	9.9 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	11.4 A
— up to 400 V for current peak value n=20 rated value	11.4 A
 up to 500 V for current peak value n=20 rated value 	11.3 A
 up to 690 V for current peak value n=20 rated value at AC-6a 	9 A
— up to 230 V for current peak value n=30 rated value	7.6 A
 up to 400 V for current peak value n=30 rated value 	7.6 A
— up to 500 V for current peak value n=30 rated value	7.6 A
— up to 690 V for current peak value n=30 rated value	7.6 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm ²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	5.5 A
at 690 V rated value	5.5 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
with 2 current paths in series at DC-1 at 24 V rated value.	35 A
— at 24 V rated value	
— at 110 V rated value	35 A 5 A
— at 220 V rated value — at 440 V rated value	1 A
— at 600 V rated value	
	0.8.Δ
■ with 3 current naths in series at DC-1	0.8 A
with 3 current paths in series at DC-1 at 24 V rated value.	
— at 24 V rated value	35 A
— at 24 V rated value— at 110 V rated value	35 A 35 A
at 24 V rated valueat 110 V rated valueat 220 V rated value	35 A 35 A 35 A
— at 24 V rated value— at 110 V rated value	35 A 35 A 35 A 2.9 A
 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value 	35 A 35 A 35 A
 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value 	35 A 35 A 35 A 2.9 A
— at 24 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value operational current	35 A 35 A 35 A 2.9 A
- at 24 V rated value - at 110 V rated value - at 220 V rated value - at 440 V rated value - at 600 V rated value operational current • at 1 current path at DC-3 at DC-5	35 A 35 A 35 A 2.9 A 1.4 A



at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz	65 V·A
	0.6 1.1
■ at 50 Hz	
value of magnet coil at AC	0.8 1.1
operating range factor control supply voltage rated	
• at 50 Hz rated value	24 V
control supply voltage at AC	
type of voltage of the control supply voltage	AC
Control circuit/ Control	
• at AC-4 maximum	300 1/h
• at AC-3 maximum	1 000 1/h
• at AC-2 maximum	1 000 1/h
• at AC-1 maximum	1 000 1/h
operating frequency	5 555
• at AC	5 000 1/h
no-load switching frequency	307, 300 minimum cross-socion acc. to 710-1 fateu value
limited to 50 s switching at zero current maximum limited to 60 s switching at zero current maximum	88 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	103 A; Use minimum cross-section acc. to AC-1 rated value
limited to 5's switching at zero current maximum limited to 10 s switching at zero current maximum	162 A; Use minimum cross-section acc. to AC-1 rated value
limited to 1's switching at zero current maximum limited to 5 s switching at zero current maximum	210 A; Use minimum cross-section acc. to AC-1 rated value
limited to 1 s switching at zero current maximum	210 A; Use minimum cross-section acc. to AC-1 rated value
short-time withstand current in cold operating state up to 40 °C	
• up to 690 V for current peak value n=30 rated value	9 kV·A
• up to 500 V for current peak value n=30 rated value	6.5 kV·A
• up to 400 V for current peak value n=30 rated value	5.2 kV·A
• up to 230 V for current peak value n=30 rated value	3 kV·A
operating apparent power at AC-6a	
up to 690 V for current peak value n=20 rated value	10.7 kV·A
• up to 500 V for current peak value n=20 rated value	9.8 kV·A
• up to 400 V for current peak value n=20 rated value	7.8 kV·A
• up to 230 V for current peak value n=20 rated value	4.5 kV·A
operating apparent power at AC-6a	
at 690 V rated value	4.6 kW
• at 400 V rated value	2.6 kW
at AC-4	0.01111
operating power for approx. 200000 operating cycles	
— at 690 V rated value	7.5 kW
— at 500 V rated value	5.5 kW
— at 400 V rated value	5.5 kW
— at 230 V rated value	3 kW
• at AC-3	
operating power	
— at 600 V rated value	0.6 A
— at 440 V rated value	0.6 A
— at 220 V rated value	10 A
— at 110 V rated value	35 A
— at 24 V rated value	35 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 600 V rated value	0.16 A
— at 440 V rated value	0.27 A
— at 220 V rated value	3 A
— at 110 V rated value	15 A
— at 24 V rated value	35 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 600 V rated value	0.06 A
— at 440 V rated value	0.09 A
— at 220 V rated value	1 A



● at 50 Hz	0.82
apparent holding power of magnet coil at AC	
● at 50 Hz	7.6 V·A
inductive power factor with the holding power of the	
coil • at 50 Hz	0.25
closing delay	0.25
• at AC	9 38 ms
opening delay	3 30 ms
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	Standard 711 712
	1
number of NC contacts for auxiliary contacts instantaneous contact	
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 A
at 400 V rated value	3 A
at 500 V rated value at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at DC-12	
at 24 V rated value	10 A
at 48 V rated value	6 A
at 40 V rated value at 60 V rated value	6 A
at 110 V rated value	3 A
at 125 V rated value	2 A
at 220 V rated value	1 A
at 600 V rated value	0.15 A
operational current at DC-13	0.1070
at 24 V rated value	10 A
at 48 V rated value	2 A
at 60 V rated value	2 A
at 110 V rated value	1 A
at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
at 600 V rated value	0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	The state of the s
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	11 A
at 600 V rated value	11 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	1 hp
— at 230 V rated value	2 hp
• for 3-phase AC motor	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	7.5 hp
— at 575/600 V rated value	10 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
with type of coordination 1 required	gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA)
with type of coordination in required - with type of assignment 2 required	gG: 25A (690V,100kA), alvi: 32A (690V,100kA), BS88: 25A (415V,80kA)
man type of acongnitions 2 required	30. 20. (1000 t), 100.0 t), with 20. (1000 t), 100.0 t), 100.0. 20. (110 t),00. (110 t)



• for short-circuit protection of the auxiliary switch	gG: 10 A (500 V, 1 kA)
required	
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
side-by-side mounting	Yes
height	85 mm
width	45 mm
depth	97 mm
required spacing	
 with side-by-side mounting 	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
 for live parts 	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	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)
— solid or stranded	2x (1 2,5 mm²), 2x (2,5 10 mm²)
 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
at AWG cables for main contacts	2x (16 12), 2x (14 8)
connectable conductor cross-section for main contacts	
• 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)
at AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section for main contacts	16 8
AWG number as coded connectable conductor cross section for auxiliary contacts	20 14
Safety related data	



proportion of dangerous failures	
 with low demand rate acc. to SN 31920 	40 %
 with high demand rate acc. to SN 31920 	73 %
failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT
product function	
mirror contact acc. to IEC 60947-4-1	Yes
T1 value for proof test interval or service life acc. to IEC 61508	20 y
protection class IP on the front acc. to IEC 60529	IP20
touch protection on the front acc. to IEC 60529	finger-safe, for vertical contact from the front
suitability for use safety-related switching OFF	Yes

Certificates/ approvals

General Product Approval

EMC













Declaration of Conformity

Test Certificates

Marine / Shipping

Miscellaneous



Type Test **Certificates/Test** Report

Special Test Certificate





Marine / Shipping









Confirmation

other



other

Confirmation

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2024-1AB00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2024-1AB00

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2024-1AB00

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

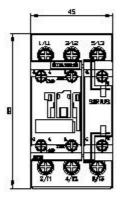
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2024-1AB00&lang=en

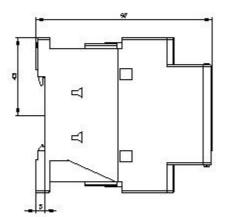
Characteristic: Tripping characteristics, I2t, Let-through current

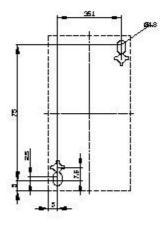
https://support.industry.siemens.com/cs/ww/en/ps/3RT2024-1AB00/char

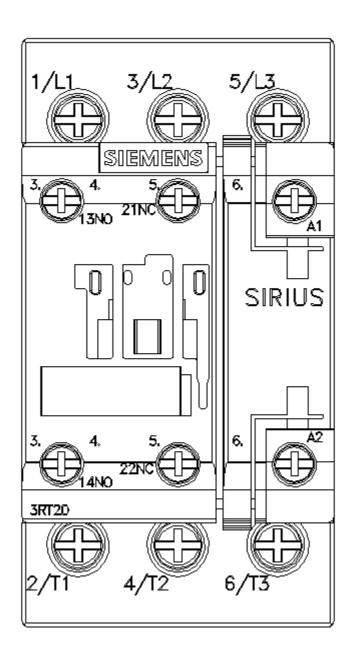
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2024-1AB00&objecttype=14&gridview=view1

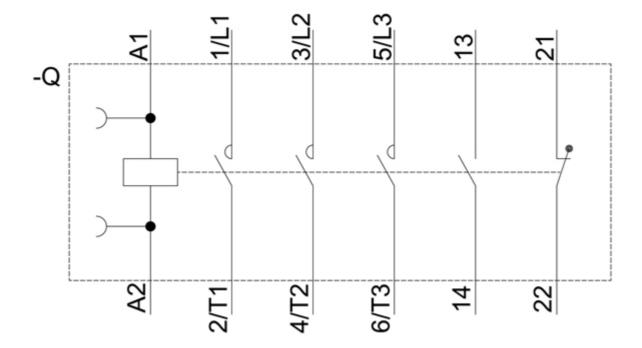












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