SIEMENS

Data sheet 3RT2025-2AP04



power contactor, AC-3 17 A, 7.5 kW / 400 V 2 NO + 2 NC, 230 V AC, 50 Hz, 3-pole, Size S0 Spring-type terminal Removable auxiliary switch

size of contactor product extension	product brand name	SIRIUS
Size of contactor • 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 • prover loss [W] for rated value of the current without load current share typical • or grain circuit rated value • of auxiliary circuit rated value • of the contactor with sine pulse • at AC • at AC	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 shock resistance with sine pulse • 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 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 blo	product type designation	3RT2
product extension • function module for communication • auxilliary 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 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 at AC shock resistance at rectangular impulse • at AC r,5g/5 ms, 4,7g/10 ms mechanical service life (switching cycles) • of 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 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 w	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	size of contactor	S0
• 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 • of auxiliary circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value • of the Crisuit rated value • of the cristance at rectangular impulse • of AC • of cristance with sine pulse • of the contactor with aided 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 • 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 auxiliary switch block typical • of the contactor with added auxiliary switch	product extension	
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 the contacts acc. to EN 60947-1 **Togy 5 ms, 4,7g / 10 ms **Togy 5 ms, 7,4g / 10 ms **Togy 6 ms, 7,4g / 10 ms **Togy 7 ms, 7,4g / 10 ms **Togy 8 ms, 7,4g / 10 ms **Togy 9	 function module for communication 	No
operating state	auxiliary switch	No
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 shock re		2.7 W
load current share typical surge voltage resistance • of main circuit rated value 6 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 400 V shock resistance at rectangular impulse 4 the contact rectangular impulse • at AC 7,5g / 5 ms, 4,7g / 10 ms mechanical service life (switching cycles) 11,8g / 5 ms, 7,4g / 10 ms • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code acc. to IEC 81346-2 Q Substance Prohibitance (Date) 01.10.2009 00:00:00 Ambient conditions 2 000 m installation altitude at height above sea level maximum ambient temperature 2 000 m • during operation -25 +60 °C -55 +80 °C Main circuit 3 number of poles for main current circuit 3 number of NO contacts for main contacts 3	• per pole	0.9 W
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 ot AC shock resistance with sine pulse ot AC shock resistance with sine pulse ot AC in 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 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 ty		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 • at AC	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 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 auxiliary switch block typical of the contactor with added auxiliary switch block typical 10 000 000 01.10.2009 00:00:00 Ambient conditions installation altitude at height above sea level maximum ambient temperature of during operation of uning storage of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 01.10.2009 00:00:00 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature of during operation of uning storage of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 10 000 000 10 000 000 10 000 00	 of main circuit rated value 	6 kV
shock resistance at rectangular impulse	of auxiliary circuit rated value	6 kV
• at AC shock resistance with sine pulse • at AC at AC 11,8g / 5 ms, 7,4g / 10 ms 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 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Audin circuit number of NO contacts for main current circuit number of NO contacts for main contacts 10 000 000 10 000 000 10 000 000 10 000 00		400 V
shock resistance with sine pulse	shock resistance at rectangular impulse	
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 Questional conditions Questional conditional conditions Questional conditional	• at AC	7,5g / 5 ms, 4,7g / 10 ms
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 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during storage Aurine ircuit number of poles for main current circuit number of NO contacts for main contacts 10 000 000 10 000 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 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature oduring operation during storage Audin circuit number of NO contacts for main current circuit number of NO contacts for main contacts 5 000 000 10 000 000 10 000 000 10 000 00	mechanical service life (switching cycles)	
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installation altitude at height above sea level maximum ambient temperature • during operation • during storage during storage -25 +60 °C -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3	reference code acc. to IEC 81346-2	Q
installation altitude at height above sea level maximum ambient temperature • during operation • during storage -25 +60 °C -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3	Substance Prohibitance (Date)	01.10.2009 00:00:00
ambient temperature • during operation • during storage -25 +60 °C -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3	Ambient conditions	
during operation during storage during storage -25 +60 °C -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3	installation altitude at height above sea level maximum	2 000 m
• during storage -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3	ambient temperature	
Main circuit number of poles for main current circuit number of NO contacts for main contacts 3	 during operation 	-25 +60 °C
number of poles for main current circuit 3 number of NO contacts for main contacts 3	 during storage 	-55 +80 °C
number of NO contacts for main contacts 3	Main circuit	
	number of poles for main current circuit	3
operating voltage at AC-3 rated value maximum 690 V	number of NO contacts for main contacts	3
	operating voltage at AC-3 rated value maximum	690 V

operational current	40.4
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	40 A
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	40 A
 — up to 690 V at ambient temperature 60 °C rated value 	35 A
• at AC-3	
— at 400 V rated value	17 A
— at 500 V rated value	17 A
— at 690 V rated value	13 A
 at AC-4 at 400 V rated value 	15.5 A
 at AC-5a up to 690 V rated value 	35.2 A
 at AC-5b up to 400 V rated value 	14.1 A
• at AC-6a	
 up to 230 V for current peak value n=20 rated value 	11.4 A
 up to 400 V for current peak value n=20 rated value 	11.4 A
 up to 500 V for current peak value n=20 rated value 	11.4 A
 up to 690 V for current peak value n=20 rated value at AC-6a 	11.3 A
— 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 	7.7 A
at 690 V rated value	7.7 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	35 A
— at 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 110 V rated value	35 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
operational current	
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	20 A

— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	•••
• at AC-3	
— at 230 V rated value	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles	
at AC-4	
 at 400 V rated value 	3.5 kW
at 690 V rated value	6 kW
operating apparent power at AC-6a	
 up to 230 V for current peak value n=20 rated value 	4.5 kV·A
 up to 400 V for current peak value n=20 rated value 	7.8 kV·A
 up to 500 V for current peak value n=20 rated value 	9.9 kV·A
up to 690 V for current peak value n=20 rated value	13.6 kV·A
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	3 kV·A
 up to 400 V for current peak value n=30 rated value 	5.2 kV·A
 up to 500 V for current peak value n=30 rated value 	6.6 kV·A
up to 690 V for current peak value n=30 rated value	9.1 kV·A
short-time withstand current in cold operating state up to 40 °C	
Iimited to 1 s switching at zero current maximum	225 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	225 A; Use minimum cross-section acc. to AC-1 rated value
limited to 3's switching at zero current maximum limited to 10 s switching at zero current maximum	180 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	115 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	96 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	55, 566 Hillimini Groce decircit acc. to 110 Trated Value
• at AC	5 000 1/h
operating frequency	
• at AC-1 maximum	1 000 1/h
• at AC-2 maximum	1 000 1/h
• at AC-3 maximum	1 000 1/h
• at AC-4 maximum	300 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	230 V
operating range factor control supply voltage rated value of magnet coil at AC	
● at 50 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	
● at 50 Hz	65 V·A

inductive power factor with closing power of the coil	
● 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	8 40 ms
opening delay	0 40 1115
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	Cianda AT AZ
number of NC contacts for auxiliary contacts	2
instantaneous contact	
number of NO contacts for auxiliary contacts instantaneous contact	2
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	6 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at DC-12	
 at 24 V rated value 	10 A
 at 48 V rated value 	6 A
 at 60 V rated value 	6 A
 at 110 V rated value 	3 A
• at 125 V rated value	2 A
 at 220 V rated value 	1 A
at 600 V rated value	0.15 A
operational current at DC-13	
 at 24 V rated value 	6 A
at 48 V rated value	2 A
at 60 V rated value	2 A
 at 110 V rated value 	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	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	14 A
at 600 V rated value	17 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
 — at 110/120 V rated value 	1 hp
— at 230 V rated value	3 hp
• for 3-phase AC motor	
 at 200/208 V rated value 	3 hp
 at 220/230 V rated value 	5 hp
— at 460/480 V rated value	10 hp
— at 575/600 V rated value	15 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
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 assignment 2 required
 for short-circuit protection of the auxiliary switch required

gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) gG: 10 A (500 V, 1 kA)

required				
nstallation/ 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	102 mm			
width	45 mm			
depth	144 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			
onnections/ Terminals				
type of electrical connection				
for main current circuit	spring-loaded terminals			
 for auxiliary and control circuit 	spring-loaded terminals			
 at contactor for auxiliary contacts 	Spring-type terminals			
of magnet coil	Spring-type terminals			
type of connectable conductor cross-sections				
 for main contacts 				
— solid	2x (1 10 mm²)			
— solid or stranded	2x (1 10 mm²)			
 finely stranded with core end processing 	2x (1 6 mm²)			
 finely stranded without core end processing 	2x (1 6 mm²)			
at AWG cables for main contacts	2x (18 8)			
connectable conductor cross-section for main contacts				
• solid	1 10 mm²			
• stranded	1 10 mm²			
 finely stranded with core end processing 	1 6 mm²			
finely stranded without core end processing	1 6 mm²			
connectable conductor cross-section for auxiliary contacts				
solid or stranded	0.5 2.5 mm²			
 finely stranded with core end processing 	0.5 1.5 mm²			
finely stranded without core end processing	0.5 2.5 mm²			
type of connectable conductor cross-sections				
for auxiliary contacts				
— solid or stranded	2x (0.5 2.5 mm²)			
 finely stranded with core end processing 	2x (0.5 1.5 mm²)			
 finely stranded without core end processing 	2x (0.5 2.5 mm²)			
 at AWG cables for auxiliary contacts 	2x (20 14)			

section	
 for main contacts 	18 8
 for auxiliary contacts 	20 14
Safety related data	
product function mirror contact acc. to IEC 60947-4-1	Yes
B10 value with high demand rate acc. to SN 31920	450 000
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 positively driven operation acc. to IEC 60947-5-1	No
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













Functional Safety/Safety of Machinery	Declaration of Conformity		Test Certificates		Marine / Shipping
Type Examination Certificate	UK Declaration of Conformity	$C \in$	Type Test Certificates/Test Report	Special Test Certificate	

Marine / Shipping













other

Confirmation



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=3RT2025-2AP04

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2025-2AP04

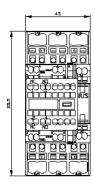
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

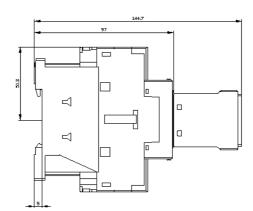
https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-2AP04

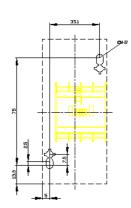
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2025-2AP04&lang=en

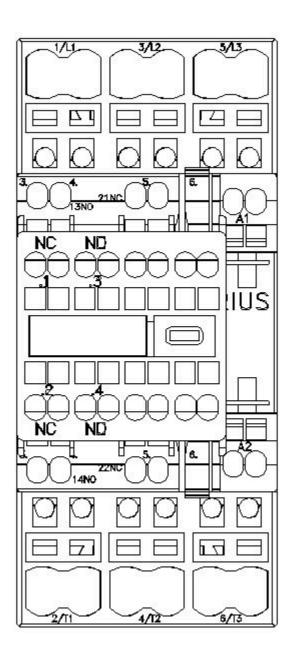
Characteristic: Tripping characteristics, l²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-2AP04/char

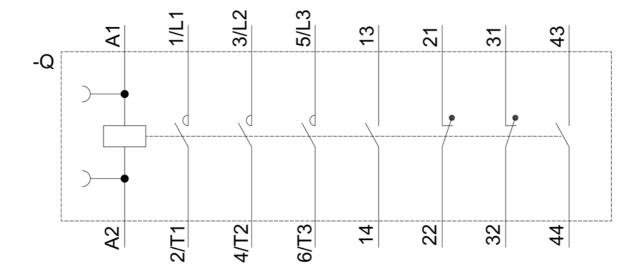
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2025-2AP04&objecttype=14&gridview=view1











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