## SIEMENS

## Data sheet

## 3RT2028-1CK64-3MA0



power contactor, AC-3e/AC-3, 38 A, 18.5 kW / 400 V, 3-pole, 110 V AC, 50 Hz / 120 V, 60 Hz, with plugged-in varistor, auxiliary contacts: 2 NO + 2 NC, screw terminal, size: S0, captive auxiliary switch

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
product extension	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	No
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	9.6 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	3.2 W
<ul> <li>without load current share typical</li> </ul>	10.5 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (operating cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	3

number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	50 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	50 A
— up to 690 V at ambient temperature 60 °C rated	42 A
value	
• at AC-3	
— at 400 V rated value	38 A
— at 500 V rated value	32 A
— at 690 V rated value	21 A
• at AC-3e	
— at 400 V rated value	38 A
— at 500 V rated value	32 A
— at 690 V rated value	21 A
at AC-4 at 400 V rated value	22 A
at AC-5a up to 690 V rated value	44 A
• at AC-5b up to 400 V rated value	31.5 A
• at AC-6a	30.8 A
— up to 230 V for current peak value n=20 rated value	
— up to 400 V for current peak value n=20 rated value	30.8 A 30.8 A
<ul> <li>up to 500 V for current peak value n=20 rated value</li> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	21 A
• at AC-6a	21A
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	20.5 A
— up to 200 V for current peak value n=30 rated value	20.5 A
— up to 500 V for current peak value n=30 rated value	21.4 A
— up to 690 V for current peak value n=30 rated value	21 A
minimum cross-section in main circuit at maximum AC-1 rated	10 mm <sup>2</sup>
value	
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	12 A
at 690 V rated value	12 A
operational current	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	20 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 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	

— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
• at AC-2 at 400 V rated value	18.5 kW
• at AC-3	
— at 230 V rated value	11 kW
— at 400 V rated value	18.5 kW
— at 500 V rated value	18.5 kW
— at 690 V rated value	18.5 kW
• at AC-3e	
— at 230 V rated value	11 kW
— at 400 V rated value	18.5 kW
— at 500 V rated value	18.5 kW
— at 690 V rated value	18.5 kW
operating power for approx. 200000 operating cycles at AC-	
4	
• at 400 V rated value	6 kW
at 690 V rated value	10.3 kW
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	12.2 kVA
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	21.3 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	26.6 kVA
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	25 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	8.1 kVA
• up to 400 V for current peak value n=30 rated value	14.2 kVA
• up to 500 V for current peak value n=30 rated value	18.5 kVA
• up to 690 V for current peak value n=30 rated value	25 kVA
short-time withstand current in cold operating state up to 40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	593 A; Use minimum cross-section acc. to AC-1 rated value
- miniou to a 5 switching at Zero current maximum	
-	341 A: Use minimum cross-section acc. to AC-1 rated value
• limited to 5 s switching at zero current maximum	341 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul> <b>no-load switching frequency</b> <ul> <li>at AC</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul> no-load switching frequency <ul> <li>at AC</li> </ul> operating frequency	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul> no-load switching frequency <ul> <li>at AC</li> </ul> operating frequency <ul> <li>at AC-1 maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>no-load switching frequency</li> <li>at AC</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 750 1/h
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>no-load switching frequency <ul> <li>at AC</li> </ul> </li> <li>operating frequency <ul> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> </ul> </li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 750 1/h 750 1/h
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>no-load switching frequency <ul> <li>at AC</li> </ul> </li> <li>operating frequency <ul> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>at AC-3 emaximum</li> </ul> </li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 750 1/h 750 1/h 750 1/h
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>no-load switching frequency <ul> <li>at AC</li> </ul> </li> <li>operating frequency <ul> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> </ul> </li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value 199 A; Use minimum cross-section acc. to AC-1 rated value 162 A; Use minimum cross-section acc. to AC-1 rated value 5 000 1/h 1 000 1/h 750 1/h 750 1/h

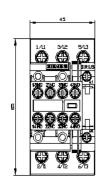
control supply voltage at AC• at 80 H z radi value10 V• at 80 H z radi value20 V• at 80 H z radi value40 V• at 80 H z60 11• at 80 H z60 10• at 80 H z40 V• at 80 H z40 V• at 80 H z40 V• at 80 H z70 V• at 80 H z80 V• at 80 H	time of the literation of the second second burnel burne	40
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+ at 80 Hz0.8 1.1design of the surge suppressorwith variatorat 150 Hz61 VAat 160 Hz73 VAindictive power factor with closing power of the coll0.72at 80 Hz0.74at 80 Hz0.74at 80 Hz0.5 VAat 160 Hz0.5 VAat 160 Hz0.25at 160 Hz0.26at 160 Hz0.26 <trr>at 160 Hz0.26<!--</td--><td></td><td></td></trr>		
design of the surge suppressor         with variator           apparent plok-up power of magnet coll at AC         81 VA           at 50 Hz         81 VA           at 50 Hz         79 VA           Indicute power factor with closing power of the coll         72           at 50 Hz         0.72           at 50 Hz         0.72           at 50 Hz         0.72           at 50 Hz         0.5 VA           at 50 Hz         0.5 VA           at 50 Hz         0.5 VA           at 50 Hz         0.25           at 50 Hz         0.28           closing delay         -           et 4.7 C         0.40 ms           control version of the solich operating mechanism         Standard A1 - A2           version of the solich operating mechanism         Standard A1 - A2           version of the solich operating mechanism         Standard A1 - A2           version of the solich operating mechanism         2           operational current at AC-15         -           et 43 OV rade value         AA           operational current at AC-16         -           et 44 OV vade value         AA           at 45 OV rade value         AA           at 45 OV rade value         AA	• at 50 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	• at 60 Hz	0.8 1.1
# 150 Hz# 14 VA• at 50 Hz79 VA• at 50 Hz0.72• at 50 Hz0.74• at 50 Hz0.5 VA• at 50 Hz0.25• at 50 Hz0.25• at 50 Hz0.25• at 50 Hz0.25• at 60 Hz0.10 ms• at 60 Hz0.1	design of the surge suppressor	with varistor
• a t SO Hz         9VA           inductive power factor with closing power of the coll         72           • at SO Hz         0.72           • at SO Hz         0.74           • at SO Hz         0.5 VA           • at SO Hz         0.5 VA           • at SO Hz         0.5 VA           • at SO Hz         0.25           • at SO Hz         0.26           • at SO Hz         0.40 ms           • at AC         • at Om Main           • at AC         0.40 ms           • at AC         • at Om Main           • at AC         0.40 ms           • at AC         • at Om Main           • at AC         • at Om Another           • at AC         • at AC           • at AC V at Acts for auxiliary contacts instantaneous contacts for auxiliary contacts instantaneous	apparent pick-up power of magnet coil at AC	
inductive power factor with closing power of the coll         0.72           • at 60 Hz         0.74           apparent botting power of magnet coll at AC         10.5 VA           • at 50 Hz         10.5 VA           • at 50 Hz         10.5 VA           • at 50 Hz         0.25           • at 60 Hz         0.26           • at 60 Hz         0.40 ms           control wrein of the writch operating mechanism         Salndard A1 - A2           writilize of 10 K contracts for auxiliary contacts instantaneous         2           operational current at AC-15	• at 50 Hz	81 VA
• at 60 hz         0.72           • at 60 hz         0.74           • at 60 hz         0.74           • at 60 hz         0.5 VA           • at 60 hz         0.25           • at 60 hz         0.28           closing delay         -           • at AC         4 16 ms           • at AC         5 40 ms           • at AC         5	• at 60 Hz	79 VA
• at 60 Hz674appent holding power of magnet coil at AC• at 60 Hz10.5 VA• at 60 Hz6.25• at 60 Hz0.25• at 60 Hz0.26• at 60 Hz840 ms• at 60 Hz0.10 ms• at AC416 ms• at AC416 ms• at AC416 ms• at AC340 ms• at AC416 ms• at AC640• at AC640• at AC640• at AC640• at AC640• at AC640• at AC At At AL740• at AC At At AL<	inductive power factor with closing power of the coil	
apparent holding power of magnet coil at AC         0.5 VA           • at 60 Hz         0.5 VA           • at 60 Hz         0.5 VA           • at 60 Hz         0.25           • at 60 Hz         0.26           clobing dolay         0.28           • at AC         0.8           • at AC         0.40 ms           • at AC         0.40 ms           oppoing dolay         -           • at AC         0.10 ms           control version of the switch opporating mechanism         Standard A1 - A2           mumber of NC contacts for auxilary contacts instantaneous contact         2           opparational current at AC-12 maximum         10 A           opparational current at AC-12 maximum         10 A           opparational current at AC-12 maximum         3           • at 600 V rated value         6           • at 600 V rated value         6           • at 600 V rated value         0.4           • at 600 V rated value         10 A           • at 600 V rated value         6           • at 600 V rated value         6           • at 600 V rated value         6           • at 600 V rated value         10 A           • at 600 V rated value         6	• at 50 Hz	0.72
• at 80 Hz         10.5 VA           • at 80 Hz         8.5 VA           • at 80 Hz         8.5 VA           • at 80 Hz         0.25           • at 80 Hz         0.28           • at 80 Hz         0.10 ms           • at 80 V rated value         10 A           • at 800 V rated value         2           • at 800 V rated value         3A           • at 800 V rated value         5A           • at 800 V rated value	• at 60 Hz	0.74
i at 80 Hz8.5 VAinductive power factor with the holding power of the colli at 50 Hz0.25i at 80 Hz0.20closing delay0.40 msat AC0.40 msor parting delay0.10 mscontrol version of the switch operating mechanism0.40 and A1 - A2control version of the switch operating mechanism2control version of the switch operating mechanism3control version version version of the switch operating mechanism3control version version version version versio	apparent holding power of magnet coil at AC	
inductive power factor with the holding power of the coil         0.25           • al 60 Hz         0.28           closing delay         0.28           • al AC         0.40 ms           • al AC         4 40 ms           • al AC         4 16 ms           arcing time         0 10 ms           control version of the switch operating mechanism         Standard A1 - A2           wailary circuit         2           control version of the switch operating mechanism         2           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         6 A           • al 200 V rated value         3 A           • al 400 V rated value         6 A           • al 600 V rated value         6 A           • al 60 V rated value         0 A           • al 60 V rated value         0 A           • al 400 V rated value	• at 50 Hz	10.5 VA
• at 60 Hz         0.25           • at 00 Hz         0.26           Cobing dolay         0.26           • at AC         840 ms           • at AC         416 ms           • at AC         010 ms           control version of the switch operating mechanism         0.040 AL           voltage dot AL         -A2           outgrader of NC contacts for auxiliary contacts instantaneous         2           operational current at AC-12 maximum         10.A           operational current at AC-15         -           • at 300 V rated value         6A           • at 300 V rated value         6A           • at 300 V rated value         6A           • at 400 V rated value         6A           • at 600 V rate	• at 60 Hz	8.5 VA
• at 80 Hz0.28closing delays40 msopening delay416 ms• at AC010 msacting time1010 mscontrol version of the switch operating mechanismSindard A1 - A2control version of the switch operating mechanismo2control version of the switch operating mechanismo2control version of the switch operating mechanismo2control version of the switch operating stantaneous10operational current at AC-12 maximum10 Aoperational current at AC-12 maximum6 A• at 230 V rated value6 A• at 230 V rated value6 A• at 630 V rated value6 A• at 630 V rated value10 A• at 630 V rated value6 A• at 630 V rated value10 A• at 630 V rated value6 A• at 630 V rated value10 A• at 630 V rated value6 A• at 630 V rated value10 A• at 630 V rated value2A• at 630 V rated value2A• at 630 V rated value10 A• at 640 V rated value10 A <t< td=""><td>inductive power factor with the holding power of the coil</td><td></td></t<>	inductive power factor with the holding power of the coil	
closing delay		0.25
closing delay	• at 60 Hz	
• ai AC         8 40 ms           opening delay         4 16 ms           • ait AC         4 16 ms           arcing time         10 10 ms           control version of the switch operating mechanism         Validary circul           witking version         2           under of NC contacts for auxiliary contacts instantaneous contact         2           operational current at AC-12 maximum         10 A           operational current at AC-15		
opening delay• at AC416 msarcing time1010 mscontrol version of the switch operating mechanismStandard A1 - A2Awillary circuit2number of NC contacts for auxiliary contacts instantaneous contact2operational current at AC-12 maximum10 Aoperational current at AC-15-• at 200 V rated value6 A• at 200 V rated value3 A• at 200 V rated value10 Aoperational current at AC-15-• at 200 V rated value3 A• at 200 V rated value6 A• at 200 V rated value10 A• at 200 V rated value3 A• at 200 V rated value6 A• at 24 V rated value10 A• at 24 V rated value10 A• at 24 V rated value6 A• at 25 V rated value10 A• at 26 V rated value6 A• at 27 V rated value10 A• at 28 V rated value6 A• at 29 V rated value6 A• at 20 V rated value6 A• at 20 V rated value10 A• at 20 V rated value6 A• at 20 V rated value10 A• at 20 V rated value6 A• at 20 V rated value0.15 A• at 20 V rated value0.16 A• at 20 V rated value0.9 A• at 20 V rated value0.9 A• at 20 V rated value0.9 A• at 20 V rated value0.1 A• at 20 V rated value0.1 A• at 20 V rated value		8 40 ms
• at AC       4 16 ms         arcing time       10 10 ms         control version of the switch operating mechanism       Standard A1 - A2         witking version       2         number of NC contacts for auxiliary contacts instantaneous contact       2         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 300 V rated value       3 A         • at 600 V rated value       6 A		
arcing time         10 10 ms           control version of the switch operating mechanism         Standard A1 - A2           uxiliary circuit         2           contact         2           contact         2           contact         2           outsite of No contacts for auxiliary contacts instantaneous         2           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         6 A           • at 230 V rated value         6 A           • at 3500 V rated value         3 A           • at 360 V rated value         10 A           operational current at DC-12         -           • at 360 V rated value         10 A           operational current at DC-12         -           • at 360 V rated value         6 A           • at 360 V rated value         6 A           • at 47 vrated value         6 A           • at 60 V rated value         6 A           • at 60 V rated value         2 A           • at 60 V rated value         6 A           • at 60 V rated value         6 A		4 16 ms
Control version of the switch operating mechanism         Standard A1 - A2           Uxiliary circuit         Standard A1 - A2           number of NC contacts for auxiliary contacts instantaneous contact         2           operational current at AC-12 maximum         2           operational current at AC-15         -           • at 230 V rated value         3A           • at 200 V rated value         3A           • at 500 V rated value         2A           • at 600 V rated value         3A           • at 600 V rated value         3A           • at 600 V rated value         3A           • at 600 V rated value         10 A           • at 600 V rated value         3A           • at 600 V rated value         3A           • at 600 V rated value         6A           • at 600 V rated value         10 A           • at 600 V rated value         3A           • at 600 V rated value         3A           • at 120 V rated value         3A           • at 120 V rated value         3A           • at 120 V rated value         3A           • at 600 V ra		
Like and the second s	•	
number of NC contacts for auxiliary contacts instantaneous contact         2           operational current at AC-12 maximum         10 A           operational current at AC-15         6 A           • at 230 V rated value         6 A           • at 300 V rated value         1A           operational current at AC-15         6 A           • at 300 V rated value         1A           operational current at DC-12         1A           • at 24 V rated value         1A           operational current at AC-15         6 A           • at 24 V rated value         1A           operational current at DC-12         6 A           • at 48 V rated value         6 A           • at 24 V rated value         6 A           • at 25 V rated value         6 A           • at 26 V rated value         6 A           • at 26 V rated value         6 A           • at 26 V rated value         0.15 A           operational current at DC-13         6 A           • at 24 V rated value         0.15 A           operational current at DC-13         6 A           • at 24 V rated value         0.15 A           operational current at DC-13         0.9 A           • at 25 V rated value         0.3 A           •		
contact         Implementation           number of NO contacts for auxiliary contacts instantaneous contact         2           operational current at AC-12 maximum         10 A           operational current at AC-15         6           • at 230 V rated value         3A           • at 400 V rated value         2A           • at 690 V rated value         10A           operational current at DC-12         10A           • at 40 V rated value         6A           • at 60 V rated value         6A           • at 60 V rated value         6A           • at 20 V rated value         6A           • at 60 V rated value         6A           • at 60 V rated value         2A           • at 60 V rated value         2A           • at 600 V rated value         0.15 A           • at 600 V rated value         2A           • at 60 V rated value         0.3 A           • at 60 V rated value         0.3 A           • at 20 V rated value         0.3 A		2
contact         In A           operational current at AC-12 maximum         10 A           operational current at AC-15         -           i at 230 V rated value         6 A           i at 400 V rated value         3 A           i at 500 V rated value         2 A           i at 600 V rated value         1 A           operational current at DC-12         -           i at 24 V rated value         6 A           i at 60 V rated value         6 A           i at 24 V rated value         6 A           i at 25 V rated value         2 A           i at 60 V rated value         2 A           i at 60 V rated value         6 A           i at 25 V rated value         2 A           i at 60 V rated value         2 A           i at 60 V rated value         3 A           i at 60 V rated value         0.9 A           i at 25 V rated value		2
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operational current at DC-12ID A• at 24 V rated value10 A• at 24 V rated value6 A• at 48 V rated value6 A• at 60 V rated value3 A• at 110 V rated value2 A• at 220 V rated value0.15 Aoperational current at DC-132• at 24 V rated value2 A• at 24 V rated value2 A• at 60 V rated value2 A• at 60 V rated value2 A• at 24 V rated value2 A• at 24 V rated value2 A• at 25 V rated value3 A• at 24 V rated value2 A• at 20 V rated value3 A• at 60 V rated value1 A• at 20 V rated value0.9 A• at 20 V rated value0.1 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)U/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)U/CSA ratings34 A• at 600 V rated value34 A	• at 500 V rated value	2 A
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• at 60 V rated value6 A• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-136 A• at 24 V rated value2 A• at 24 V rated value2 A• at 60 V rated value2 A• at 60 V rated value0.19 A• at 10 V rated value0.9 A• at 220 V rated value0.3 A• at 220 V rated value0.1 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)U/CSA ratings1full-load current (FLA) for 3-phase AC motor34 A• at 600 V rated value34 A• at 600 V rated value34 A• at 600 V rated value34 A• at 600 V rated value32 A	• at 24 V rated value	10 A
• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 A• operational current at DC-136 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value1 A• at 60 V rated value0.15 A• at 60 V rated value6 A• at 60 V rated value0.3 A• at 10 V rated value0.9 A• at 10 V rated value0.3 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)• IL/CSA ratingsIIl-Il-Ioad current (FLA) for 3-phase AC motor34 A• at 600 V rated value34 A• at 600 V rated value34 A	• at 48 V rated value	6 A
• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 A• operational current at DC-13•• at 24 V rated value6 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value1 A• at 60 V rated value0.9 A• at 110 V rated value0.9 A• at 220 V rated value0.1 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)• IL/CSA ratingsI subsching per 100 million (17 V, 1 mA)• at 480 V rated value34 A• at 600 V rated value37 A	• at 60 V rated value	6 A
• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-13•• at 24 V rated value6 A• at 24 V rated value2 A• at 60 V rated value2 A• at 60 V rated value1 A• at 110 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 A• at 600 V rated value1 fully switching per 100 million (17 V, 1 mA)• at 600 V rated value34 A• at 800 V rated value34 A• at 600 V rated value27 A	• at 110 V rated value	3 A
• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-13•• at 24 V rated value6 A• at 24 V rated value2 A• at 60 V rated value2 A• at 60 V rated value1 A• at 110 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 A• at 600 V rated value1 fully switching per 100 million (17 V, 1 mA)• at 600 V rated value34 A• at 800 V rated value34 A• at 600 V rated value27 A	• at 125 V rated value	2 A
• at 600 V rated value0.15 Aoperational current at DC-136• at 24 V rated value6 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value1 A• at 110 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value1 A• at 600 V rated value1 A• at 600 V rated value34 A• at 480 V rated value34 A• at 600 V rated value34 A	• at 220 V rated value	1A
operational current at DC-136• at 24 V rated value6 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value1 A• at 110 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)JL/CSA ratingsfull-load current (FLA) for 3-phase AC motor34 A• at 600 V rated value34 A• at 600 V rated value27 A		
• at 24 V rated value6 A• at 48 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)JL/CSA ratingsfull-load current (FLA) for 3-phase AC motor34 A• at 600 V rated value27 A		
• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)JL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value34 A• at 600 V rated value27 A	•	6 A
<ul> <li>at 60 V rated value</li> <li>at 10 V rated value</li> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>at 220 V rated value</li> <li>0.3 A</li> <li>0.1 A</li> <li>contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>JL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>34 A</li> <li>at 600 V rated value</li> <li>27 A</li> </ul> </li> </ul>		
• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)JL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value34 A• at 600 V rated value27 A		
• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)JL/CSA ratings34 A• at 480 V rated value34 A• at 600 V rated value27 A		
• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)JL/CSA ratingsfull-load current (FLA) for 3-phase AC motor34 A• at 480 V rated value34 A• at 600 V rated value27 A		
• at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         JL/CSA ratings		
contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         JL/CSA ratings		
JL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       34 A         • at 600 V rated value       27 A		
full-load current (FLA) for 3-phase AC motor     34 A       • at 480 V rated value     34 A       • at 600 V rated value     27 A		1 rauity switching per 100 million (17 V, 1 mA)
at 480 V rated value     34 A     at 600 V rated value     27 A		
• at 600 V rated value 27 A		
vielded mechanical performance [hn]	• at 600 V rated value	27 A
	yielded mechanical performance [hp]	
for single-phase AC motor	<ul> <li>for single-phase AC motor</li> </ul>	

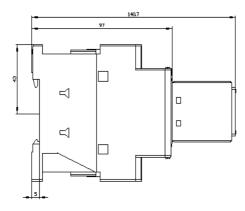
at 110/120 V/ rated value	
— at 110/120 V rated value	3 hp
— at 230 V rated value	5 hp
<ul> <li>for 3-phase AC motor</li> </ul>	
— at 200/208 V rated value	10 hp
— at 220/230 V rated value	10 hp
— at 460/480 V rated value	25 hp
— at 575/600 V rated value	25 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 125A (690V,100kA), aM: 50A (690V,100kA), BS88: 125A (415V,80kA)
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 50A (690V,100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA)
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (500 V, 1 kA)
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 DIN rail according to DIN EN 60715
side-by-side mounting	Yes
height	85 mm
width	45 mm
depth	141 mm
required spacing	
<ul> <li>with side-by-side mounting</li> </ul>	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
<ul> <li>for grounded parts</li> </ul>	
— 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
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
at contactor for auxiliary contacts	Screw-type terminals
<ul> <li>of magnet coil</li> </ul>	Screw-type terminals
type of connectable conductor cross-sections for main contacts	
solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
solid     solid or stranded	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 6 mm <sup>2</sup> ), 1x 10 mm <sup>2</sup>
connectable conductor cross-section for main contacts	
solid	1 10 mm²
solid     stranded	1 10 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	1 10 mm²
connectable conductor cross-section for auxiliary contacts	
solid or stranded	$0.5 - 2.5 \mathrm{mm}^2$
	0.5 2.5 mm <sup>2</sup>
finely stranded with core end processing	0.5 2.5 mm <sup>2</sup>
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
— finely stranded with core end processing	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross	

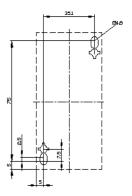
Chinery       Type Examination Cer- tificate       CF       UK       Type Test Certific- ates/Test Report         Marine / Shipping       Marine / Shipping       other	section						
Safety related data <ul> <li>product function             infrar constat according to IEC 60947-4-1             velts             infrar constat according to SN 31920             450 000             propriation of dangerous failures             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts how demand rate according to SN 31920             velts             velts             velts             velts             velts how demand rate according to SN 31920             velts             velts</li></ul>	<ul> <li>for main contact</li> </ul>	ts		16 8			
product function     entiror contact according to IEC 60947-4-1     Yes          in propertion of dangerous failures       in with high demand rate according to SN 31920       in with high demand rate according to IEC 60529       in with high demand rate according to IEC 60529       in with high demand rate according to IEC 60529       in with high demand rate according to IEC 60529       in with high demand rate according to IEC 60529       in with high demand rate according to IEC 60529       in with with rate according to IEC 60529       in with high demand rate according to IEC 60529       in with with rate according to IEC 60529       in with with rate according to IEC 60529       in with with rate according to IEC 60529       in with rate ac	<ul> <li>for auxiliary con</li> </ul>	• for auxiliary contacts		20 14			
<ul> <li>Initro contact according to IEC 60947-61</li> <li>Positively driven operation according to SN 31920</li> <li>No</li> <li>No</li></ul>	Safety related data						
<ul> <li>positively driven operation according to NEC 60947-5-1</li> <li>B10 value with high demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>To value for proof test interval or service life according to IEC 60529</li> <li>protection dass IP on the front according to IEC 60529</li> <li>protection class IP on the front according to IEC 60529</li> <li>suitability for use             <ul> <li>astery related switching OFF</li> <li>settery related switching OFF</li> <li>settery/Safety of Ma-</li></ul></li></ul>	product function						
B10 value with high demand rate according to SN 31920       450 000         propriation of dangerous failures       40 %         • with how demand rate according to SN 31920       73 %         failure rate [FT] with low demand rate according to SN 31920       100 FTT         1 value with high demand rate according to SN 31920       100 FTT         1 value for proof test interval or service life according to IEC 60529       P20         protection calss IP on the front according to IEC 60529       P20         cuch protection on the front according to IEC 60529       P20         safety-related switching OFF       Yes         • safety-related switching OFF       Yes         • canfirmation       Exc         Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipp         Exc       Life atter       Exercificates       Life atter	<ul> <li>mirror contact a</li> </ul>	ccording to IEC 60947-4-1		Yes			
proportion of dangerous failures       40 %         • with low demand rate according to SN 31920       40 %         • with high demand rate according to SN 31920       100 FT         T value for proof test interval or service life according to IEC 60529       100 FT         protection class IP on the front according to IEC 60529       IP20         touch protection on the front according to IEC 60529       IP20         suitability for use       • safety-related switching OFF       Yes         • safety-related switching OFF       Yes       Efficience         cccc       Version       KC       Efficience         estrey-related switching OFF       Yes       Efficience       Efficience         estrey-related switching OFF       Version       Efficience       Efficience         estrey-related switching OFF       Yes       Version       Efficience       Marine / Shipp         estrey-related switching OFF       Version of Conformity       Test Certificates       Marine / Shipp         efficater       Safety/Safety of Machinge	<ul> <li>positively driven</li> </ul>	operation according to IEC	60947-5-1	No			
• with low demand rate according to SN 31920     40 %       • with high demand rate according to SN 31920     73 %       failure rate [FT] with low demand rate according to SN 31920     00 FT       1 value for proof test interval or service life according to IEC 60529     1920       for the front according to IEC 60529     1920       suitability for use     • safety-related switching OFF     Yes       • safety-related switching OFF     Yes	B10 value with high de	emand rate according to SN	31920	450 000			
• with high demand rate according to SN 31920       73 %         failure rate [FT] with low demand rate according to SN 31920       100 FT         11 value for proof test interval or service life according to IEC 60529       IP20         protection cates IP on the front according to IEC 60529       IP20         suitability for use	proportion of danger	ous failures					
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     20 a       ef608     IP20       for protection class IP on the front according to IEC 60529     IP20       suitability for use     - safe, for vertical contact from the front       - safety-related switching OFF     Yes		-		40 %			
T I value for proof test interval or service life according to IEC       20 a         61508       protection of the front according to IEC 60529       IP20         suitability for use       esafety-related switching OFF       Yes         • safety-related switching OFF       Yes         • confirmation       Confirmation       KC       EMC         Functional Safety/Gafety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional Safety/Gafety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         Marine / Shipping       Type Examination Certificate       EGE       EGE       EGE       EGE         Marine / Shipping       Type Examination Certificate       EGE       EGE       EGE       EGE       EGE         Marine / Shipping       Type Examination Certificate       EGE							
61508     IP 0       protection class IP on the front according to IEC 60529     IP 20       sultability for use     • safety-related switching OFF     Yes       • safety-related switching OFF     Yes       KC       Confirmation       KC       EMC       Functional Safety/Safety of Ma- cintery       Cectrificates       Marine / Shipping       Marine / Shipping       Marine / Shipping       Marine / Shipping       Other       Other       Other       Marine / Shipping       Other       Other       Other       Other       Safety/Safety of Ma- cintery       Declaration of Conformity       Type Examination Cer- tificate       Upge Examination Cer- tificate							
Inger-safe, for vertical contact from the front         suitability for use • safety-related switching OFF       Yes         Vertificates/ approvals         General Product Approval         KC       KC       KC         EMC       Functional safety/Safety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional safety/Safety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional safety/Safety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         Marine / Shipping       Type Examination Cer- tificate       Examination Cer- tificate       Examination Cer- tificate       Confirmation         Marine / Shipping       Type Examination Cer- tificate       Examination Cer- tificate       Examination Cer- tificate       Marine / Shipping       Other         Other       Railway       Environment       Environment       Confirmation		interval or service life acco	rding to IEC	20 a			
Safety-related switching OFF       Yes         Tripleted switching OFF       Yes         Ceneral Product Approvals         General Product Approvals         Confirmation       Confirmation       Confirmation       KC       Effect         EMC       Functional Safety/Safety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional Safety/Safety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional Safety/Safety of Ma- chinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Type Examination Cer- tificate       Example       Certificates       Safety/Safety of Ma- chinery       Certificates       Marine / Shipp         Marine / Shipping       Type Example       Example       Confirmation       Safety/Safety of Ma- chinery       Confirmation         Marine / Shipping       Lipsica       Lipsica       Confirmation       Confirmation     <	protection class IP o	n the front according to I	EC 60529	IP20			
estely-related switching OFF Yes ertificates/ approvals  Entered Product Approval  Confirmation  Confirmation  Entered  Entered Entered  Entered Entered  Entered Entereed Entereed Entereed Entereed Entered Entereed Ente	touch protection on t	the front according to IEC	60529	finger-safe, for vertical contact	ct from the front		
Functional Safety/Safety of Machinery       KC       EMC       Functional Safety/Safety of Machinery       Test Certificates       Marine / Shipp         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipp         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipp         Marine / Shipping       Type Examination Certificate       Certificate       Listicate       Centificate	suitability for use						
General Product Approval         Image: Confirmation	•	-		Yes			
Image: Section of Confirmation       Image: Section of Conformation       Image: Section of Confirmation       Image: Section of Conformation       Image: Section of Confirmation         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipp         Image: Section of Conformation Cerriticate       Type Examination Cerriticate       Image: Section of Conformation       Type Test Certificates       Marine / Shipp         Image: Section of Conformation       Type Examination Cerriticate       Image: Section of Conformation       Type Test Certificates       Image: Section of Conformation         Image: Section of Conformation       Type Examination Cerriticate       Image: Section of Conformation	ertificates/ approvals	;					
Image: Section of Section of Conformation Of Co	General Product App	proval					
EMC       Safety/Safety of Machinery       Declaration of Conformity       Test Certificates       Marine / Shipp         Image: Second Seco	CSA	Europhicana'	ccc	UL			
Marine / Shipping     other       Image: Shipping     Image: Shipping	EMC	Safety/Safety of Ma-	Declaration of C	onformity	Test Certificates	Marine / Shipping	
Image: Confirmation       Confirmation       Confirmation       Confirmation       Confirmation         other       Railway       Environmental Con-       Confirmation       Confirmation	RCM		CE EG-Konf.	UK CA	Type Test Certific- ates/Test Report	ABS	
Image: Non-Work of the second seco	Marine / Shipping					other	
Confirmation Vibration and Shock Environmental Con-	BUREAU VERITAS		Lloyds Register uis	RINA	RMRS	<u>Confirmation</u>	
	other		Railway	Environment			
VDE		<u>Confirmation</u>	Vibration and She				

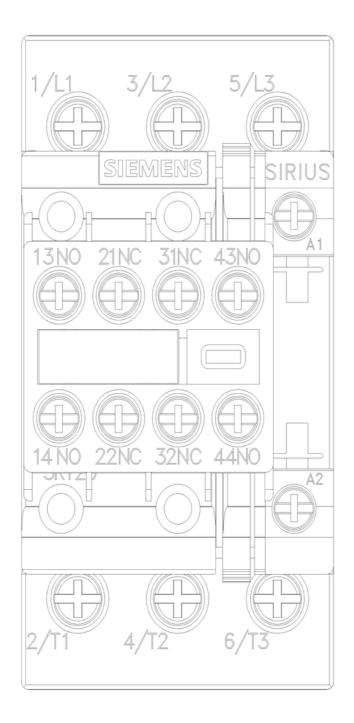
**Further information** 

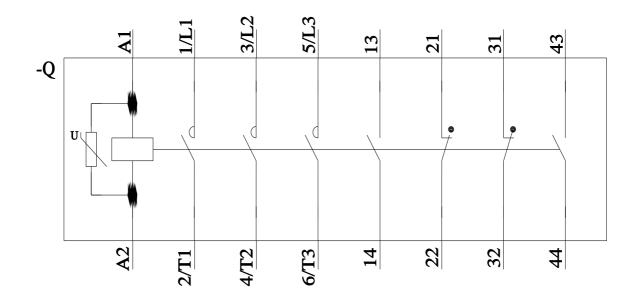
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification 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) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2028-1CK64-3MA0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2028-1CK64-3MA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-1CK64-3MA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2028-1CK64-3MA0&lang=en Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-1CK64-3MA0/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2028-1CK64-3MA0&objecttype=14&gridview=view1











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2/10/2023 🖸