## SIEMENS

## Data sheet

## 3RT2016-1AN62



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 1 NC, 200 V AC, 50 Hz 200-220 V, 60 Hz, 3-pole, frame size S00, screw terminal

product brand name         SIRIUS           product designation         Power contactor           product type designation         3RT2           Boneral technical data         Size of contactor           Size of contactor         S00           product extension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         -           • at AC in hot operating state per pole         0.9 W           • at AC in hot operating state per pole         0.3 W           • without load current share typical         4.8 W           insulation voltage         -           • of main circuit with degree of pollution 3 rated value         690 V           • of auxiliary circuit with degree of pollution 3 rated value         690 V           • of main circuit rated value         64 kV           • of main circuit rated value         64 kV           • of auxiliary circuit rated value         6 kV           • of auxilia
product type designation         3RT2           Seneral technical data         S00           size of contactor         S00           product extension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         0.9 W           • at AC in hot operating state per pole         0.3 W           • without load current share typical         4.8 W           insulation voltage         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of auxiliary circuit ated value         6 kV           • of main circuit rated value         6 kV           • of main circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • at AC
size of contactor       S00         product extension       •         • function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       •         • at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       4.8 W         insulation voltage       • of main circuit with degree of pollution 3 rated value         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       6 kV         • of auxiliary circuit mapulse       6 kV         • at AC       6.7g / 5 ms, 4.2g / 10 ms         shock resistance with sine pulse       6.7g / 5 ms, 6.6g / 10 ms         • at AC       10.5g / 5 ms, 6.6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of the contactor with added electronically optimized
size of contactor     S00       product extension     • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     • at AC in hot operating state     0.9 W       • at AC in hot operating state per pole     0.3 W       • without load current share typical     4.8 W       insulation voltage     • of main circuit with degree of pollution 3 rated value     690 V       • of auxiliary circuit with degree of pollution 3 rated value     690 V       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     6 kV       • of main circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • at AC     10.5g / 5 ms, 4.2g / 10 ms       shock resistance with sine pulse     10.5g / 5 ms, 6.6g / 10 ms       • at AC     10.5g / 5 ms, 6.6g / 10 ms       machanical service life (operating cycles)     30 000 000
product extension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         0.9 W           • at AC in hot operating state per pole         0.3 W           • without load current share typical         4.8 W           • without load current share typical         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         10 V           • of auxiliary circuit rated value         6 x/7           • at AC         6.7g / 5 ms, 4.2g / 10 ms           • at AC         10.5g / 5 ms, 6.6g / 10 ms           • at AC         30 000 000
<ul> <li>function module for communication</li> <li>auxiliary switch</li> <li>Yes</li> <li>power loss [W] for rated value of the current</li> <li>at AC in hot operating state</li> <li>0.9 W</li> <li>at AC in hot operating state per pole</li> <li>0.3 W</li> <li>without load current share typical</li> <li>4.8 W</li> <li>insulation voltage</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>bock resistance</li> <li>at AC</li> <li>bock resistance at rectangular impulse</li> <li>at AC</li> <li>at AC</li> <li>bock resistance with sine pulse</li> <li>at AC</li> <li>bock resistance with sine pulse</li> <li>at AC</li> <li>bock resistance life (operating cycles)</li> <li>of contactor typical</li> <li>of contactor with added electronically optimized</li> <li>5 000 000</li> </ul>
• auxiliary switchYespower loss [W] for rated value of the current·• at AC in hot operating state0.9 W• at AC in hot operating state per pole0.3 W• without load current share typical4.8 W• of main circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit rated value690 V• of main circuit rated value600 V• of main circuit rated value6 kV• of main circuit rated value6 kV• of main circuit rated value6 kV• of main concuts according to EN 60947-1400 Vshock resistance at rectangular impulse400 V• at AC6,7g / 5 ms, 4,2g / 10 msshock resistance with sine pulse10,5g / 5 ms, 6,6g / 10 ms• at AC30 000 000• of contactor typical30 000 000• of the contactor with added electronically optimized5 000 000
betackbetackpower loss [W] for rated value of the current0.9 W• at AC in hot operating state per pole0.3 W• at AC in hot operating state per pole0.3 W• without load current share typical4.8 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit rated value6 kV• of main cortacts according to EN 60947-1400 Vshock resistance at rectangular impulse400 V• at AC6,7g / 5 ms, 4,2g / 10 msmaximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-15000 000• at AC10,5g / 5 ms, 6,6g / 10 ms• at AC30 000 000• at AC30 000 000• of contactor typical30 000 000• of the contactor with added electronically optimized5 000 000
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• at AC in hot operating state per pole0.3 W• without load current share typical4.8 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit rated value64 V• of main circuit rated value6 kV• of auxiliary circuit tated value6 kV• of contactor with sine pulse6 kV• at AC10,5g / 5 ms, 6,6g / 10 ms• of contactor typical30 000 000• of the contactor with added electronically optimized5 000 000
<ul> <li>without load current share typical</li> <li>a W</li> <li>insulation voltage</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of main circuit rated value</li> <li>of main circuit rated value</li> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>6 kV</li> <li>0 V</li> <li>0 0 0 0 0 0 0</li> <li>0 0 0 0 0 0</li> <li>0 0 0 0 0 0</li> </ul>
insulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance690 V• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• ot AC6,7g / 5 ms, 4,2g / 10 ms• at AC10,5g / 5 ms, 6,6g / 10 ms• of contactor typical30 000 000• of contactor typical30 000 000• of the contactor with added electronically optimized5 000 000
<ul> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>surge voltage resistance         <ul> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>oux cording to EN 60947-1</li> <li>shock resistance at rectangular impulse</li> <li>ot AC</li> <li>ot AC<!--</th--></li></ul></li></ul>
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>surge voltage resistance         <ul> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of contactor typical</li> <li>of contactor with added electronically optimized</li> <li>of 000 000</li> </ul> </li> </ul>
valuevaluesurge voltage resistance6 kV• of main circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse6,7g / 5 ms, 4,2g / 10 ms• at AC6,7g / 5 ms, 6,6g / 10 msmechanical service life (operating cycles)10,5g / 5 ms, 6,6g / 10 ms• of contactor typical30 000 000• of the contactor with added electronically optimized5 000 000
<ul> <li>of main circuit rated value</li> <li>of auxiliary circuit rated value</li> <li>of contactor typical</li> <li>of the contactor with added electronically optimized</li> <li>of contactor with added electronically optimized</li> </ul>
<ul> <li>of auxiliary circuit rated value</li> <li>of contactor typical</li> <li>of the contactor with added electronically optimized</li> <li>of contactor with added electronically optimized</li> <li>of contactor with added electronically optimized</li> </ul>
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse <ul> <li>at AC</li> <li>bhock resistance with sine pulse</li> <li>bhock r</li></ul>
coil and main contacts according to EN 60947-1         shock resistance at rectangular impulse         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)         • of contactor typical       30 000 000         • of the contactor with added electronically optimized       5 000 000
• at AC6,7g / 5 ms, 4,2g / 10 msshock resistance with sine pulse10,5g / 5 ms, 6,6g / 10 ms• at AC10,5g / 5 ms, 6,6g / 10 msmechanical service life (operating cycles)30 000 000• of contactor typical30 000 000• of the contactor with added electronically optimized5 000 000
shock resistance with sine pulse     10,5g / 5 ms, 6,6g / 10 ms       • at AC     10,5g / 5 ms, 6,6g / 10 ms       mechanical service life (operating cycles)     30 000 000       • of contactor typical     30 000 000       • of the contactor with added electronically optimized     5 000 000
<ul> <li>at AC</li> <li>mechanical service life (operating cycles)</li> <li>of contactor typical</li> <li>of the contactor with added electronically optimized</li> <li>5 000 000</li> </ul>
mechanical service life (operating cycles)       6         • of contactor typical       30 000 000         • of the contactor with added electronically optimized       5 000 000
<ul> <li>of contactor typical</li> <li>of the contactor with added electronically optimized</li> <li>5 000 000</li> </ul>
of the contactor with added electronically optimized     5 000 000
auxiliary switch block typical
of the contactor with added auxiliary switch block     typical     10 000 000
reference code according to IEC 81346-2 Q
Substance Prohibitance (Date) 10/01/2009
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 95 % maximum
lain 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 \
at AC-3e rated value maximum	690 \
<ul> <li>operational current</li> <li>at AC-1 at 400 V at ambient temperature 40 °C</li> </ul>	22 A
rated value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C	22 A
rated value	00.4
— up to 690 V at ambient temperature 60 °C rated value	20 A
• at AC-3	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
<ul> <li>at 690 V rated value</li> <li>at AC-4 at 400 V rated value</li> </ul>	6.7 A 8.5 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	19.4
• at AC-5b up to 400 V rated value	7.4 A
• at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated</li> </ul>	5.3 A
value	
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	5.3 A
— up to 500 V for current peak value n=20 rated	5.3 A
value	
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>	5 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated	3.5 A
value	01071
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	3.5 A
— up to 500 V for current peak value n=30 rated value	3.6 A
— up to 690 V for current peak value n=30 rated value	3.3 A
minimum cross-section in main circuit at maximum AC-1 rated value	4 mm
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	4.1 A
• at 690 V rated value	3.3 A
operational current	
at 1 current path at DC-1     — at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	12 A
— at 220 V rated value	1.6 A
— at 440 V rated value — at 600 V rated value	0.8 A 0.7 A
with 3 current paths in series at DC-1	0.7 A
- at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A

'n

— at 600 V rated value	1 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	0.15 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	0.35 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	
• at AC-3	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	4 kW
— at 690 V rated value	5.5 kW
• at AC-3e	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	4 kW
— at 690 V rated value	5 kW
operating power for approx. 200000 operating cycles	
at AC-4	
<ul> <li>at 400 V rated value</li> </ul>	2 kW
<ul> <li>at 690 V rated value</li> </ul>	2.5 kW
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	2 kVA
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	3.6 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	4.6 kVA
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	5.9 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	1.3 kVA
• up to 400 V for current peak value n=30 rated value	2.4 kVA
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	3.1 kVA
• up to 690 V for current peak value n=30 rated value	4 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>	155 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	111 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	86 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	66 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	55 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	10 000 1/h
operating frequency	
at AC-1 maximum	1 000 1/h
• at AC-2 maximum	750 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	200 V
at 60 Hz rated value	220 V
operating range factor control supply voltage rated	
value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	26.4 VA

• at 60 Hz	31.7 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.81
• at 60 Hz	0.81
apparent holding power of magnet coil at AC	
• at 50 Hz	4.4 VA
• at 60 Hz	4.8 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.24
• at 60 Hz	0.25
closing delay	0.20
• at AC	9 35 ms
opening delay	
• at AC	4 15 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
instantaneous contact	
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	2 A
at 690 V rated value	1 A
operational current at DC-12	10.0
• at 24 V rated value	10 A
at 48 V rated value	6 A
at 60 V rated value	6 A 3 A
at 110 V rated value	2 A
<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> </ul>	1 A
at 220 V rated value	0.15 A
operational current at DC-13	0.13 A
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	1A
<ul> <li>at 125 V rated value</li> </ul>	0.9 A
<ul> <li>at 220 V rated value</li> </ul>	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	7.6 A
• at 600 V rated value	9 A
yielded mechanical performance [hp]	
<ul> <li>for single-phase AC motor</li> </ul>	
— at 110/120 V rated value	0.33 hp
— at 230 V rated value	1 hp
• for 3-phase AC motor	
— at 200/208 V rated value	2 hp
— at 220/230 V rated value	3 hp
- at 460/480 V rated value	5 hp
— at 575/600 V rated value	7.5 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
<ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>	gG: 10 A (500 V, 1 kA)
s for onore on our protocitor of the duxiliary switch	90.107(000 0, 110)

required	
required	
Installation/ mounting/ dimensions	
mounting position fastening method	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
<ul> <li>side-by-side mounting</li> </ul>	Yes
height	58 mm
width	45 mm
depth	73 mm
required spacing	75 mm
with side-by-side mounting	10
— forwards	10 mm 10 mm
— upwards	
- 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	
<ul> <li>for main current circuit</li> </ul>	screw-type terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals
<ul> <li>of magnet coil</li> </ul>	Screw-type terminals
type of connectable conductor cross-sections	
<ul> <li>for main contacts</li> </ul>	
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
— solid or stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>at AWG cables for main contacts</li> </ul>	2x (20 16), 2x (18 14), 2x 12
connectable conductor cross-section for main	
contacts	
• solid	0.5 4 mm <sup>2</sup>
• stranded	0.5 4 mm <sup>2</sup>
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>
type of connectable conductor cross-sections	0.5 2.5 mm
for auxiliary contacts	
- solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> <li>at AWC cobles for auxiliant contacts</li> </ul>	
<ul> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross</li> </ul>	2x (20 16), 2x (18 14), 2x 12
section	
for main contacts	20 12
for auxiliary contacts	20 12
Safety related data	
product function	
mirror contact according to IEC 60947-4-1	Yes
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures	
	40.0/

• with low demand rate according to SN 31920

• with high demand rate according to SN 31920

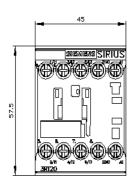
failure rate [FIT] with low demand rate according to SN

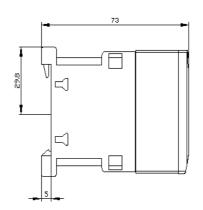
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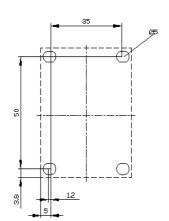
73 %

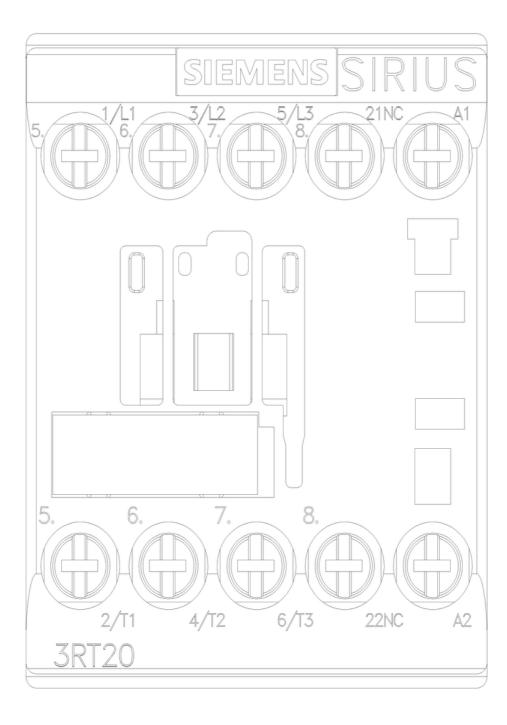
100 FIT

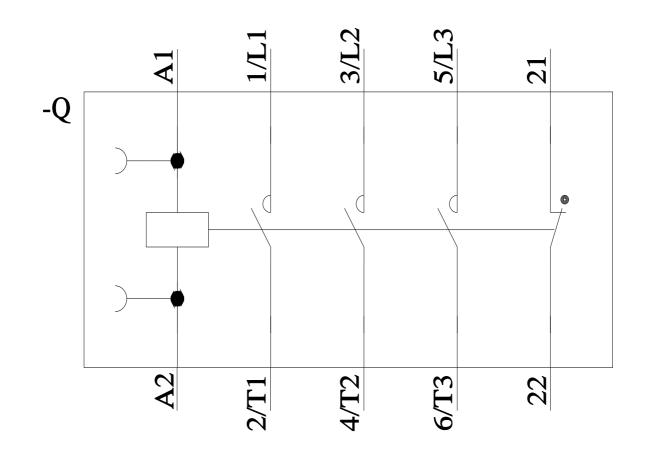
31920						
T1 value for proof tes IEC 61508	t interval or service life	according to	20 у			
protection class IP on the front according to IEC 60529		IP20				
touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front				
<ul> <li>suitability for use</li> <li>safety-related s</li> </ul>	witching OFF		Yes			
Certificates/ approval	S					
General Product Ap	oproval					
St.	<u>Confirmation</u>		(UL) UL	<u>KC</u>	EHC	
EMC	Functional Safety/Safety of Machinery	Declaration o	f Conformity	Test Certificates		
RCM	<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	Type Test Certific- ates/Test Report	Special Test Certific- ate	
Marine / Shipping						
ABS	B U R E A U VERITAS		Lloyds Register us	PRS	RINA	
Marine / Shipping	other			Railway		
KMRS	<u>Confirmation</u>	UDE VDE	<u>Confirmation</u>	Vibration and Shock		
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=3RT2016-1AN62 Cax online generator						
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-1AN62 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1AN62 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2016-1AN62⟨=en Characteristic: Tripping characteristics, I <sup>2</sup> t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1AN62/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2016-1AN62&objecttype=14&gridview=view1						











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