## SIEMENS

## Data sheet

## 3RT2024-1AG20



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 110 V AC, 50/60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S0

7 <sup>1 Ka</sup> 6/T3	
product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	SO
product extension	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	0.9 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.3 W
<ul> <li>without load current share typical</li> </ul>	2 W
type of calculation of power loss depending on pole	quadratic
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	7,5g / 5 ms, 4,7g / 10 ms
shock resistance with sine pulse	
• at AC	11,8g / 5 ms, 7,4g / 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
Weight	0.406 kg
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 %

Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	74.2 kg
global warming potential [CO2 eq] during manufacturing	1.9 kg
global warming potential [CO2 eq] during operation	72.4 kg
global warming potential [CO2 eq] after end of life	-0.117 kg
Main circuit	· · ·
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	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 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	12.4
— at 400 V rated value	12 A
— at 500 V rated value	12 A
<ul> <li>— at 690 V rated value</li> <li>• at AC-3e</li> </ul>	A G
• at 400 V rated value	12 A
— at 500 V rated value	12 A 12 A
— at 690 V rated value	9 A
<ul> <li>at 650 v rated value</li> <li>at AC-4 at 400 V rated value</li> </ul>	12.5 A
• at AC-5a up to 690 V rated value	35.2 A
• at AC-5b up to 400 V rated value	9.9 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	11.4 A
— up to 400 V for current peak value n=20 rated value	11.4 A
— up to 500 V for current peak value n=20 rated value	11.3 A
— up to 690 V for current peak value n=20 rated value	9 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	7.6 A
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	7.6 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	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 <sup>2</sup>
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	5.5 A
at 690 V rated value	5.5 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	35 A
- at 60 V rated value	20 A
- at 110 V rated value	4.5 A
- at 220 V rated value	1A
— 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 1 A
— at 440 V rated value	
— at 600 V rated value	0.8 A

- m 22V rade value35 A- m 45 V rade value35 A- m 45 V rade value35 A- m 42 V rade value35 A- m 42 V rade value35 A- m 42 V rade value28 A- m 45 V rade value28 A- m 45 V rade value29 A- m 45 V rade value20 A- m 45 V rade value20 A- m 45 V rade value0.09 A- m 45 V rade value0.07 A- m 45 V rade value0.05 A- m 45 V rade value <th><ul> <li>with 3 current paths in series at DC-1</li> </ul></th> <th></th>	<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
- aft 80 v raids value35 Å- aft 80 v raids value35 Å- aft 80 v raids value35 Å- aft 80 v raids value20 Å- aft 80 v raids value14 Å- aft 80 v raids value20 Å- aft 80 v raids value005 Å- aft 80 v raids value006 Å </td <td>-</td> <td>35 A</td>	-	35 A
<ul> <li></li></ul>		
- all AU visited value29 A- all SU Visited value14- all SU Visited value20 A- all SU Visited value35 A- all SU Visited value20 A- all SU Visited value35 A- all SU Visited value36 A- all SU Visited value35 A- all SU Visited v		
• at 1 current path a1C-3 a1C-5- at 24 V raids value5.4- at 250 V raids value0.94- at 220 V raids value0.96- at 400 V raids value0.97- at 400 V raids value0.51 W-		
	-	20 A
- at 440 Y rated value0.09 A- at 600 Y rated value0.09 A- at 24 Y rated value35 A- at 24 Y rated value35 A- at 24 V rated value15 A- at 10 V rated value15 A- at 440 V rated value0.18 A- at 440 V rated value0.6 A- at 20 V rated value0.6 A- at 20 V rated value0.6 A- at 20 V rated value0.5 A- at 420 V rated value0.5 A- at 420 V rated value0.6 A- at 420 V rated value0.6 A- at 320 V rated value0.5 KW- at 320 V rated value5 KW- at 600 V rated value5 KW- at 600 V rated value6 K KA- at 600 V rated value6 K KA- at 600 V rated value7 K W- at 600 V rated value6 K KA- at 600 V rated value7 K KA- at 600 V rated value7 K KA- at 600 V rated value7 K KA- at 600 V rated value8 K/A <trr>- at 600 V for current pack value n=</trr>	— at 60 V rated value	5 A
	— at 220 V rated value	1 A
• with 2 current pairs in series at DC-3 at DC-5- at 24 V rated value35 A- at 10 V rated value35 A- at 110 V rated value36 A- at 200 V rated value027 A- at 240 V rated value027 A- at 240 V rated value016 A- at 240 V rated value35 A- at 240 V rated value06 A- at 240 V rated value05 A- at 240 V rated value55 KW- at 240 V rated value75 KW- at 240 V rated value75 KW- at 250 V fract value75 KW- at 260 V rated value75 KW	— 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 440 V rated value     0.27 Å       - at 600 V rated value     0.16 Å       - at 600 V rated value     35 Å       - at 60 V rated value     35 Å       - at 60 V rated value     35 Å       - at 60 V rated value     36 Å       - at 100 V rated value     0.6 Å       - at 400 V rated value     0.6 Å       - at 200 V rated value     0.6 Å       - at 200 V rated value     0.6 Å       - at 200 V rated value     5.5 kW       - at 600 V rated value     5.5 kW       - at 600 V rated value     5.5 kW       - at 600 V rated value     3.6 W       - at 230 V rated value     3.6 W       - at 600 V rated value     3.6 W       -	— at 110 V rated value	15 A
	— at 220 V rated value	3 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> <li>at 24 V rited value</li> <li>35 A</li> <li>at 100 V rited value</li> <li>35 A</li> <li>at 110 V rated value</li> <li>35 A</li> <li>at 220 V rated value</li> <li>06 A</li> <li>at 400 V rated value</li> <li>06 A</li> <li>at 400 V rated value</li> <li>06 A</li> <li>at 400 V rated value</li> <li>55 KW</li> <li>at 630 V rated value</li> <li>50 V rated value<td>— at 440 V rated value</td><td>0.27 A</td></li></ul>	— 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
operating powerat AC:3- at 230 V rated value3 kW- at 400 V rated value5.5 kW- at 500 V rated value5.5 kW- at 690 V rated value7.5 kW- at 230 V rated value7.5 kW- at 230 V rated value3 kW- at 230 V rated value3 kW- at 400 V rated value5.5 kW- at 230 V rated value3 kW- at 600 V rated value5.5 kW- at 600 V rated value7.5 kWoperating power for approx. 20000 operating cycles at AC-4• at 400 V rated value2.6 kW• at 600 V rated value4.5 kVA• up to 200 V for current peak value n=20 rated value7.8 kVA• up to 400 V for current peak value n=20 rated value9.8 kVA• up to 500 V for current peak value n=20 rated value9.8 kVA• up to 230 V for current peak value n=30 rated value3 kVA• up to 230 V for current peak value n=30 rated value3 kVA• up to 600 V for current peak value n=30 rated value5 kVA• up to 500 V for current peak value n=30 rated value6 kVA• up to 600 V for current peak value n=30 rated value6 kVA• up to 600 V for current peak value n=30 rated value6 kVA• up to 600 V for current peak value n=30 rated value6 kVA• up to 600 V for current peak value n=30 rated value6 kVA• up to 600 V for current peak value n=30 rated value6 kVA• up t	— at 440 V rated value	0.6 A
• at AC-3SKW- at 230 V rated value3 kW- at 400 V rated value5.5 kW- at 690 V rated value5.5 kW- at 690 V rated value7.5 kW- at 230 V rated value3 kW- at 200 V rated value5.5 kW- at 400 V rated value5.5 kW- at 400 V rated value5.5 kW- at 500 V rated value5.5 kW- at 690 V rated value2.6 kW- at 690 V rated value2.6 kW• at 690 V rated value4.6 kWoperating power for approx. 200000 operating cycles at AC-4• at 690 V rated value7.8 kVA• up to 230 V for current peak value n=20 rated value7.8 kVA• up to 500 V for current peak value n=20 rated value9.8 kVA• up to 500 V for current peak value n=20 rated value9.8 kVA• up to 230 V for current peak value n=20 rated value3.8 kVA• up to 230 V for current peak value n=30 rated value9.8 kVA• up to 230 V for current peak value n=30 rated value3.8 kVA• up to 230 V for current peak value n=30 rated value3.8 kVA• up to 500 V for current peak value n=30 rated value5.2 kVA• up to 500 V for current peak value n=30 rated value3.8 kVA• up to 500 V for current peak value n=30 rated value3.8 kVA• up to 500 V for current peak value n=30 rated value3.8 kVA• up to 500 V for current		0.6 A
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- at 400 V rated value55 kW- at 500 V rated value55 kW- at 690 V rated value75 kWoperating power for approx. 200000 operating cycles at AC at 400 V rated value2.6 kW- at 690 V rated value2.6 kW- at 690 V rated value4.6 kW- operating apparent power at AC-6a		3 kW
- at 500 V rated value55 kW- at 690 V rated value7.5 kWoperating power for approx. 200000 operating cycles at AC-42.6 kW• at 400 V rated value2.6 kW• at 690 V rated value2.6 kW• at 690 V rated value4.6 kWoperating apparent power at AC-6a9.8 kVA• up to 230 V for current peak value n=20 rated value7.8 kVA• up to 600 V for current peak value n=20 rated value9.8 kVA• up to 500 V for current peak value n=20 rated value9.8 kVA• up to 600 V for current peak value n=20 rated value10.7 kVA• up to 600 V for current peak value n=20 rated value10.7 kVA• up to 500 V for current peak value n=20 rated value10.7 kVA• up to 500 V for current peak value n=30 rated value3 kVA• up to 500 V for current peak value n=30 rated value5.6 kVA• up to 500 V for current peak value n=30 rated value5.6 kVA• up to 600 V for current peak value n=30 rated value6.5 kVA• up to 600 V for current peak value n=30 rated value9.4 kVA• up to 600 V for current peak value n=30 rated value5.6 kVA• up to 600 V for current peak value n=30 rated value7.0 k, Use minimum cross-section acc. to AC-1 rated value• up to 600 V for current naximum210 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum126 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum126 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching		
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operating power for approx. 200000 operating cycles at AC-4         • at 400 V rated value       2.6 kW         • at 690 V rated value       4.6 kW         operating apparent power at AC-6a       • up to 230 V for current peak value n=20 rated value         • up to 500 V for current peak value n=20 rated value       9.8 kVA         • up to 690 V for current peak value n=20 rated value       9.8 kVA         • up to 690 V for current peak value n=20 rated value       10.7 kVA         operating apparent power at AC-6a       • up to 230 V for current peak value n=30 rated value         • up to 230 V for current peak value n=30 rated value       5.2 kVA         • up to 500 V for current peak value n=30 rated value       6.5 kVA         • up to 690 V for current peak value n=30 rated value       9.8 kVA         • up to 500 V for current peak value n=30 rated value       9.2 kVA         • up to 690 V for current peak value n=30 rated value       5.2 kVA         • up to 690 V for current peak value n=30 rated value       9 kVA         short-time withstand current in cold operating state up to 40 °C       9 kVA         short-time withstand current maximum       210 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       210 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       10		
• at 400 V rated value         2.6 kW           • at 690 V rated value         4.6 kW           operating apparent power at AC-6a         4.6 kW           • up to 230 V for current peak value n=20 rated value         4.5 kVA           • up to 400 V for current peak value n=20 rated value         7.8 kVA           • up to 500 V for current peak value n=20 rated value         9.8 kVA           • up to 690 V for current peak value n=20 rated value         9.8 kVA           • up to 230 V for current peak value n=30 rated value         10.7 kVA           operating apparent power at AC-6a         -           • up to 230 V for current peak value n=30 rated value         5.2 kVA           • up to 500 V for current peak value n=30 rated value         5.2 kVA           • up to 500 V for current peak value n=30 rated value         5.2 kVA           • up to 500 V for current peak value n=30 rated value         5.2 kVA           • up to 690 V for current peak value n=30 rated value         9 kVA           short-time withstand current in cold operating state up to 40 °C         -           • limited to 1 s switching at zero current maximum         210 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 10 s switching at zero current maximum         170 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 10 s switching at zero current maximum         126 A; Use m		
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• limited to 10 s switching at zero current maximum       170 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       126 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       105 A; Use minimum cross-section acc. to AC-1 rated value         no-load switching frequency       105 A; Use minimum cross-section acc. to AC-1 rated value	<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	210 A; Use minimum cross-section acc. to AC-1 rated value
Imited to 30 s switching at zero current maximum     Initiate to 60 s switching at zero current maximum     Ino-load switching frequency     Ino-load switching frequency	<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	210 A; Use minimum cross-section acc. to AC-1 rated value
Imited to 60 s switching at zero current maximum     105 A; Use minimum cross-section acc. to AC-1 rated value     no-load switching frequency	<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	170 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	126 A; Use minimum cross-section acc. to AC-1 rated value
	<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	105 A; Use minimum cross-section acc. to AC-1 rated value
• at AC 5 000 1/h	no-load switching frequency	
	• 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-3e 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	110 V
• at 60 Hz rated value	110 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	68 VA
• at 60 Hz	67 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.72
• at 60 Hz	0.74
apparent holding power of magnet coil at AC	
• at 50 Hz	7.9 VA
• at 60 Hz	6.5 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.25
• at 60 Hz	0.28
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	1
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	
• 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	
• at 48 V rated value	10 A
• at 60 V rated value	10 A 2 A
<ul> <li>at 110 V rated value</li> </ul>	2 A
<ul> <li>at 110 V rated value</li> <li>at 125 V rated value</li> </ul>	2 A 2 A
	2 A 2 A 1 A
<ul><li>at 125 V rated value</li><li>at 220 V rated value</li></ul>	2 A 2 A 1 A 0.9 A 0.3 A
• at 125 V rated value	2 A 2 A 1 A 0.9 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	11 A
at 600 V rated value	11 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	1 hp
— at 230 V rated value	2 hp
<ul> <li>for 3-phase AC motor</li> </ul>	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	7.5 hp
— at 575/600 V rated value	10 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
- with type of coordination 1 required	gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA)
- with type of assignment 2 required	gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (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
factoning method side by side mounting	backward by +/- 22.5° on vertical mounting surface Yes
fastening method side-by-side mounting	
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	85 mm
width	45 mm 97 mm
depth required spacing	97 mm
with side-by-side mounting	
with side-by-side mounting     — forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
• for grounded parts	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
for live parts	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
for main contacts	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
<ul> <li>for AWG cables for main contacts</li> </ul>	2x (16 12), 2x (14 8)
connectable conductor cross-section for main contacts	
• solid	1 10 mm²
• stranded	1 10 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	1 10 mm <sup>2</sup>

connectable conducto	or cross-section for au	xiliary contacts	-			
<ul> <li>solid or stranded</li> </ul>		kinary contacts	0.5 2.5 r	nm²		
	vith core end processing		0.5 2.5 r			
	onductor cross-section	ne	0.0 2.0 1			
<ul> <li>for auxiliary cont</li> </ul>		13				
- solid or stra			2x (0.5 1	1.5 mm²), 2x (0.75 .	$2.5 \text{ mm}^2$	
	ded with core end proces	ssing		1.5 mm²), 2x (0.75 . 1.5 mm²), 2x (0.75 .		
-		ssing			2.5 ጠጠ-)	
	for auxiliary contacts		ZX (20 1	6), 2x (18 14)		
section	ed connectable conduc	tor cross				
<ul> <li>for main contacts</li> </ul>	S		16 8			
<ul> <li>for auxiliary cont</li> </ul>	acts		20 14			
Safety related data						
product function						
•	ccording to IEC 60947-4-	1	Yes			
	operation according to I		No			
<ul> <li>suitable for safet</li> </ul>			Yes			
suitability for use safety			Yes			
service life maximum	Ŭ		20 a			
test wear-related serv			Yes			
proportion of danger			105			
		020	40.9/			
	I rate according to SN 31		40 %			
•	d rate according to SN 3		73 %			
	emand rate according		1 000 000			
31920	low demand rate accor	ding to SN	100 FIT			
ISO 13849						
device type according to ISO 13849-1 3						
	cording to ISO 13849-2	necessary	Yes			
IEC 61508						
	cording to IEC 61508-2		Туре А			
Electrical Safety						
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			
Approvals Certificates			_			
General Product App	roval					
	CE EG-Konf.	UK CA		<u>Confirmation</u>		<u>KC</u>
General Product Ap- proval	EMV	Test Certificat	es		Marine / Shipping	
EHC	RCM	<u>Type Test Cer</u> ates/Test Re		ecial Test Certific- ate	ABS	BUREAU VERITAS
Marine / Shipping					other	
	Lloyd's Register urs			KMRS	<u>Miscellaneous</u>	<u>Confirmation</u>
other	Railway	Environment				



Special Test Certificate



Environmental Confirmations

## Further information

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=3RT2024-1AG20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2024-1AG20

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2024-1AG20

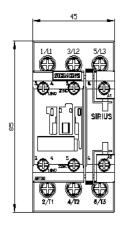
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

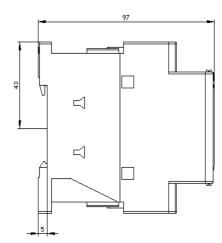
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2024-1AG20&lang=en

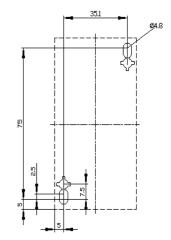
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

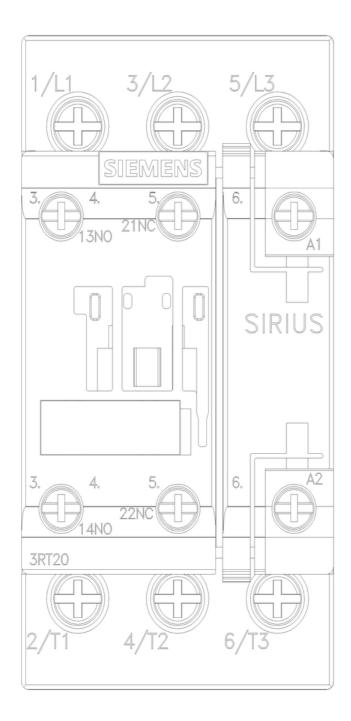
https://support.industry.siemens.com/cs/ww/en/ps/3RT2024-1AG20/char Further characteristics (e.g. electrical endurance, switching frequency)

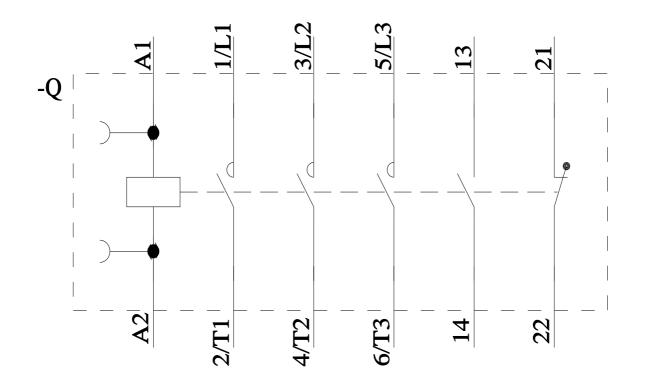
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2024-1AG20&objecttype=14&gridview=view1











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