SIEMENS

Data sheet 3RT2325-2AG20



contactor AC-1, 35 A, 400 V / 40 °C, 4-pole, 110 V AC, 50/60 Hz, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT23
General technical data	
size of contactor	S0
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 	7.6 W
at AC in hot operating state per pole	1.9 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of the auxiliary and control circuit with degree of pollution 3 rated value 	690 V
surge voltage resistance	
of main circuit rated value	6 kV
of auxiliary circuit rated value	6 kV
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)	
 of contactor typical 	10 000 000
 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 maximum	95 %
Main circuit	
number of poles for main current circuit	4
number of NO contacts for main contacts	4
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	35 A

- up to 690 V at ambient temperature 40 °C rated value - up to 690 V at ambient temperature 60 °C rated value • at AC-3 - at 400 V rated value • at AC-3 + 4100 V rated value • at AC-3 + 4100 V rated value • at AC-3 + 4100 V rated value • at AC-3 + 4100 V rated value • at AC-3 + 4100 V rated value • at AC-3 at 400 V rated value • at AC-4 to 5 s switching at zero current maximum • limited to 1 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to 30 switching at zero current maximum • limited to	a at AC 1	
value	• at AC-1 — up to 600 V at ambient temperature 40 °C rated	35 Δ
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inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz Closing delay • at AC opening delay		
 at 50 Hz at 60 Hz closing delay at AC opening delay 8 40 ms		8.5 VA
● at 60 Hz		0.25
closing delay ● at AC opening delay 8 40 ms		
• at AC 8 40 ms opening delay		0.20
opening delay		8 40 ms
	• 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 1		1
attachable 2	attachable	2
• instantaneous contact 1	• instantaneous contact	1
number of NO contacts for auxiliary contacts 1	number of NO contacts for auxiliary contacts	1
• attachable 2	attachable	2
• instantaneous contact 1	instantaneous contact	1
operational current at AC-12 maximum 10 A	operational current at AC-12 maximum	10 A
operational current at AC-15	operational current at AC-15	
• at 230 V rated value 10 A	• at 230 V rated value	10 A
• at 400 V rated value 3 A	• at 400 V rated value	3 A
• at 500 V rated value 2 A	 at 500 V rated value 	2 A

operational current at DC-12 • at 24 V roted value • at 46 V roted value • at 150 V rated value • at 250 V rated value • at 250 V rated value • at 260 V rated value • at 260 V rated value • at 24 V roted value • at 25 V roted value • at 360 V rated value • at 160 V rated value • at	-t 000 \ /tdl	4.6
42 47 Virial of value	at 690 V rated value	1 A
e. al. 48 V rated value	•	
* at 10 V rated value		
a 11 10 V rated value	 at 48 V rated value 	6 A
a in 125 V rated value	 at 60 V rated value 	6 A
1 A 10	 at 110 V rated value 	3 A
	at 125 V rated value	2 A
a 2 4 7 raided value	at 220 V rated value	1 A
at 24 V rated value at 48 V rated value 2 A at 125 V rated value 1 126 V rated value 1 260 V rated value 2 1260 V rated value 2 1260 V rated value 2 1260 V rated value 3 1260 V rated value 4 1270 V rated value 4 1270 V rated value 5 1270 V	at 600 V rated value	0.15 A
	operational current at DC-13	
at 112 V rated value at 125 V rated value at 126 V rated value at 127 V rated value at 127 V rated value at 128 V	at 24 V rated value	10 A
at 125 V rated value but 220 V rated value cat 200 V rated value	at 48 V rated value	2 A
of 1220 V rated value design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts	 at 110 V rated value 	1 A
design of the ministure circuit breaker for short-circuit protection of the auxiliary contacts contact reliability of auxiliary contacts contact reliability of auxiliary contacts contact reting of sustiliary contacts according to UL A600 / C600 Stort-Circuit protection Product function short circuit protection of short-circuit protection of the main circuit - with type of coordination 1 required of short-circuit protection of the main circuit - with type of assignment 2 required of short-circuit protection of the auxiliary switch required installation/mounting/ dimensions mounting position fastening method side-by-side mounting of side-by-side mounting of with side-by-side mounting of with side-by-side mounting of organized spacing of organized spacing of organized spacing of organized spacing of organized parts - chowards of organized parts - chowards of organized parts - downwards of organized parts - downwards of organized parts - downwards of ordine parts - downwards of ordine parts - downwards of ordine parts - forowards of organized parts of organized parts - forowards of organized parts of organized parts	 at 125 V rated value 	0.9 A
design of the miniature circuit preaker for short-circuit protection of the auxiliary switch required contact ratiobility of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA)	 at 220 V rated value 	0.3 A
of the auxiliary switch required contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL A6007 Q600 Short-circuit protection product function short circuit protection design of the fuse link of or short-circuit protection of the main circuit - with type of coordination 1 required with type of sussignment 2 required got 20 A (690 V, 100 KA) of or short-circuit protection of the auxiliary switch required got 20 A (690 V, 100 KA) of or short-circuit protection of the auxiliary switch required short-circuit protection of the auxiliary switch required got 20 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 20 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 20 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 20 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 30 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 30 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 30 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 30 A (690 V, 100 KA) of short-circuit protection of the auxiliary switch required got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit got 30 A (690 V, 100 KA) of short-circuit go	• at 600 V rated value	0.1 A
Contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection product function short circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary contacts • for suliary and control circuit • for suliary and control circuit • for suliary and control circuit • for connectable conductor cross-sections for main contacts • solid • for connectable conductor cross-sections for main contacts • solid • for connectable conductor cross-sections for main contacts • solid		gG: 10 A (230 V, 400 A)
Contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection product function short circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary contacts • for suliary and control circuit • for suliary and control circuit • for suliary and control circuit • for connectable conductor cross-sections for main contacts • solid • for connectable conductor cross-sections for main contacts • solid • for connectable conductor cross-sections for main contacts • solid		1 faulty switching per 100 million (17 V, 1 mA)
contact rating of auxiliary contacts according to UL Short-circuit protection product function short circuit protection of short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required — with type of assignment 2 required — with type of assignment 2 required — of in short-circuit protection of the auxiliary switch required — of short-circuit protection of the auxiliary switch required — of short-circuit protection of the auxiliary switch required — of short-circuit protection of the auxiliary switch required — of short-circuit protection of the auxiliary switch required possible on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on vertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2.25 for on wertical mounting surface; can be tilted forward and backward by +2		
Short-circuit protection product function short circuit protection design of the fuse link		A600 / Q600
product function short circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required 96: 63 A (690 V, 100 kA) 96: 20 A (690 V, 100 kA) 96: 30 A (690 V, 100 kA) 97: 30 A (690 V, 100 kA)		
design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required fisatellation/ mounting/ dimensions mounting position #/-180" rotation possible on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward	·	No
of tor short-circuit protection of the main circuit — with type of coordination 1 required — with type of coordination 1 required — with type of coordination 1 required — for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for switch short switch		NO
- with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxillary switch required installation/ mounting/ dimensions mounting position #+180* rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5* on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 # side-by-side mounting # side-by-side mounting # width # depth # do mm # depth # of orwards # downwards # downwards # of orgrounded parts # of orgrounded parts # of orwards # at the side # downwards # downwards # downwards # of or live parts # of orwards # of or live parts # of ownwards # of orwards # of ormains # of orwards # of orwards	-	
- with type of assignment 2 required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position #/-180* rotation possible on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/- 22.5* on vertical mounting surface; can be tilted forward and backward by #/-	•	0.00 4 (000) (400 4)
• for short-circuit protection of the auxiliary switch required Installation/ mounting/ drimensions	**	
mounting position #-180" rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/ 22.5" on vertical mounting surface; can be tilted forward and backward by +/ 22.5" on vertical mounting surface; can be tilted forward and backward by +/ 22.5" on vertical mounting surface; can be tilted forward and backward by +/ 22.5" on vertical mounting surface; can be tilted forward and backward by +/		
mounting position #/-180" rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and backward by +/-22.5" on vertical mounting surface; can be tilted forward and safe surface and snappen mounting onto 35 mm DIN rail according to DIN EN 60715 ### Ves #### Ves #### Ves ### Ves ##		gG: 10 A (690 V, 1 kA)
fastening method side-by-side mounting side-by-side mounting side-by-side mounting height width depth 97 mm required spacing with side-by-side mounting with side-by-side mounting with side-by-side mounting forwards upwards up	Installation/ mounting/ dimensions	
side-by-side mounting height width	mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
Neight	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
width 60 mm depth 97 mm required spacing • with side-by-side mounting — forwards 10 mm — upwards 10 mm — downwards 10 mm • for grounded parts — forwards 10 mm • for grounded parts — at the side 0 mm — at the side 6 mm — at the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm • for live parts — forwards 10 mm • for live parts — forwards 10 mm • for live parts — formards 10 mm • for live parts — forwards 5 mm — the side 6 mm — connections/ Terminals type of electrical connection • for auxiliary and control circuit spring-loaded terminals • of magnet coil spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	side-by-side mounting	Yes
required spacing ● with side-by-side mounting — forwards — upwards — the side — of or grounded parts — forwards — upwards — 10 mm ● for grounded parts — forwards — upwards — 10 mm — upwards — upwards — 10 mm — of or live parts — forwards — upwards — 10 mm — of or live parts — forwards — 10 mm — of or main current circuit — of or auxiliary and control circuit — of or auxiliary and control circuit — of or magnet coil type of connectable conductor cross-sections for main contacts — solid type of connectable conductor cross-sections for main contacts — solid 2x (1 10 mm²)	height	102 mm
required spacing with side-by-side mounting — forwards — upwards — downwards — at the side of or grounded parts — forwards — upwards — upwards — upwards — upwards — upwards — 10 mm — upwards — upwards — 10 mm — odownwards — 10 mm — odownwards — 10 mm — odownwards — 10 mm of for live parts — forwards — 10 mm of or live parts — forwards — upwards — at the side — downwards — 10 mm — upwards — at the side — odownwards — of mm Connections/ Terminals type of electrical connection of main current circuit of magnet coil type of connectable conductor cross-sections for main contacts of magnet coil type of connectable conductor cross-sections for main contacts of of magnet coil type of connectable conductor cross-sections for main contacts of solid	width	60 mm
with side-by-side mounting — forwards — upwards — downwards — downwards — at the side o mm for grounded parts — forwards — upwards — upwards — upwards — upwards — upwards — at the side — downwards — at the side — downwards of or live parts — forwards — upwards — upwards — upwards — of or live parts — forwards — upwards — upwards — upwards — downwards — upwards — downwards — of ormain current circuit of or main current circuit of or main current circuit of or maxiliary and control circuit at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts osolid type of connectable conductor cross-sections for main contacts osolid	depth	97 mm
- forwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - for main current circuit spring-loaded terminals - at the side 5 pring-loaded terminals • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts • of magnet coil 2x (1 10 mm²)	required spacing	
- upwards 10 mm - downwards 10 mm - at the side 0 mm • for grounded parts - forwards 10 mm - at the side 6 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm • for live parts - forwards 10 mm - at the side 6 mm • for live parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	 with side-by-side mounting 	
- downwards	— forwards	10 mm
- at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - forwards - forwards - forwards - forwards - upwards - upwards - upwards - downwards - at the side 6 mm Connections/ Terminals type of electrical connection • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	— upwards	10 mm
for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — forwards — forwards — forwards — forwards — upwards — upwards — upwards — upwards — downwards — at the side — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	— downwards	10 mm
- forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • at contactor for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	— at the side	0 mm
- forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • at contactor for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	for grounded parts	
- at the side - downwards • for live parts - forwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 6 mm 6 mm Connections/ Terminals 5 pring-loaded terminals 5 pring-loaded terminals 5 pring-type terminals 6 connectable conductor cross-sections for main contacts 6 solid 2x (1 10 mm²)		10 mm
- at the side - downwards 10 mm • for live parts - forwards - upwards 10 mm - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 6 mm Connections/ Terminals 2x (1 10 mm²)	— upwards	10 mm
- downwards • for live parts - forwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 10 mm 10 mm 6 mm Connections/ Terminals 5 pring-loaded terminals 5 pring-loaded terminals 5 pring-type terminals 5 pring-type terminals 2x (1 10 mm²)	·	6 mm
for live parts — forwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)		
forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)		
- upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid 10 mm 10 mm 20 mm	•	10 mm
- downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit		
— at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)	•	
type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)		
type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 10 mm²)		O TILLII
 for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid spring-loaded terminals Spring-type terminals 2x (1 10 mm²) 		
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts solid 2x (1 10 mm²) 		
 at contactor for auxiliary contacts of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts solid 2x (1 10 mm²) 		
of magnet coil type of connectable conductor cross-sections for main contacts solid Spring-type terminals 2x (1 10 mm²)	•	
type of connectable conductor cross-sections for main contacts ● solid 2x (1 10 mm²)	·	
● solid 2x (1 10 mm²)		Spring-type terminals
	type of connectable conductor cross-sections for main contacts	
• solid or stranded 2x (1 10 mm²)	• solid	
	 solid or stranded 	2x (1 10 mm²)

	0 (4 0 2)
finely stranded with core end processing	2x (1 6 mm²)
finely stranded without core end processing	2x (1 6 mm²)
connectable conductor cross-section for main contacts	
• solid	1 10 mm²
solid or stranded	1 10 mm²
• stranded	1 10 mm²
 finely stranded with core end processing 	1 6 mm²
finely stranded without core end processing	1 6 mm²
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 2.5 mm ²
 finely stranded with core end processing 	0.5 1.5 mm ²
finely stranded without core end processing	0.5 2.5 mm ²
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid	2x (0.5 2.5 mm²)
— solid or stranded	2x (0.5 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (0.5 2.5 mm²)
for AWG cables for auxiliary contacts	2x (20 14)
AWG number as coded connectable conductor cross section	
for main contacts	18 8
for auxiliary contacts	20 14
Safety related data	
product function	
mirror contact according to IEC 60947-4-1	Yes
T1 value for proof test interval or service life according to IEC 61508	20 a
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
Communication/ Protocol	
product function bus communication	No
Certificates/ approvals	



General Product Approval



Confirmation







EMC

Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping

Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report



Marine / Shipping













other Railway Environment



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=3RT2325-2AG20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2325-2AG20

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2325-2AG20

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

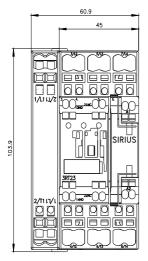
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2325-2AG20&lang=en

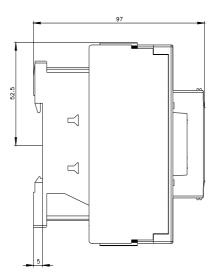
Characteristic: Tripping characteristics, I2t, Let-through current

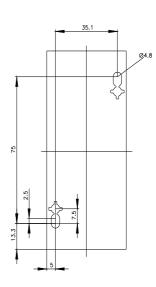
https://support.industry.siemens.com/cs/ww/en/ps/3RT2325-2AG20/char

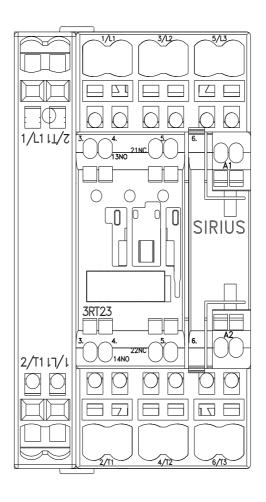
Further characteristics (e.g. electrical endurance, switching frequency)

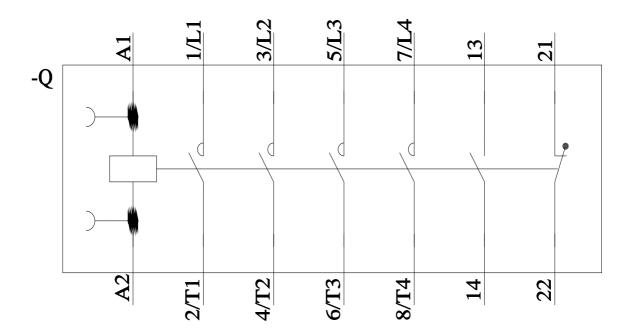
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2325-2AG20&objecttype=14&gridview=view1











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