## SIEMENS

## Data sheet

## 3RT2325-2BB40



contactor AC-1, 35 A, 400 V / 40  $^\circ$ C, 4-pole, 24 V DC, 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	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>	7.6 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
<ul> <li>without load current share typical</li> </ul>	5.9 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of the auxiliary and control circuit with degree of pollution</li> <li>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
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (operating cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<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	
<ul> <li>during operation</li> </ul>	-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	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated</li> </ul>	35 A

value			
• at AC-1	25.4		
— up to 690 V at ambient temperature 40 °C rated value	35 A		
— up to 690 V at ambient temperature 60 °C rated	30 A		
value			
• at AC-3			
— at 400 V rated value	15.5 A		
• at AC-4 at 400 V rated value	15.5 A		
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm <sup>2</sup>		
operating power			
• at AC-3 at 400 V rated value	7.5 kW		
• at AC-4 at 400 V rated value	7.5 kW		
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>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
no-load switching frequency			
• at DC	1 500 1/h		
operating frequency at AC-1 maximum	1 000 1/h		
Control circuit/ Control			
type of voltage	DC		
type of voltage of the control supply voltage	DC		
control supply voltage at DC	20		
• rated value	24 V		
operating range factor control supply voltage rated value of			
magnet coil at DC			
initial value	0.8		
full-scale value	1.1		
closing power of magnet coil at DC	5.9 W		
holding power of magnet coil at DC	5.9 W		
closing delay			
• at DC	50 170 ms		
opening delay			
• at DC	15 18 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		
attachable	2		
<ul> <li>instantaneous contact</li> </ul>	1		
number of NO contacts for auxiliary contacts	1		
attachable	2		
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			
<ul> <li>at 24 V rated value</li> </ul>	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	1A		
at 600 V rated value	0.15 A		

ore add valueImage: add value• 10.4 V rited value1A• 11.4 V rited value1A• 11.1 V rited value0.5 A• 11.2 V rited value0.5 I A (20 V 400 A)• 11.2 V rited value0.5 I A (				
• 449 Vrider value2 A• • • • • • • • • • • • • • • • • • •	operational current at DC-13			
• A• all 10 V rade value0 A• all 25 V rade value0 A• constart radia provides0 A• or short -const provides0 A <t< td=""><td>• at 24 V rated value</td><td>10 A</td></t<>	• at 24 V rated value	10 A		
• 125 V rated value0.9 Å• 125 V rated value0.1 Å• 160 V rated value0.1 Å• 160 V rated value0.1 Å (200 V,400 Å)• once telability of auxilary contacts1 fauly switching per 100 million (17 V, 1 mÅ)• Outcask rating of auxillary contacts according to ULNo• Outcask rating of auxillary contacts0.6 (200 / 6000• Outcask rating of auxillary contacts according to ULNo• Outcask rating of auxillary contacts0.6 (200 / 6000	<ul> <li>at 48 V rated value</li> </ul>	2 A		
• al 220 V rate value0.3 Åeight of the instature excute breaker for short-circuit protection96: 10 A (230 V, 400 A)design of the instature excute breaker for short-circuit protection4800 / 0600Contact rating of auxiliary contacts according to ULA800 / 0600Short-excute protectionNoShort-excut protection of the main circuit96: 10 A (230 V, 400 A)e-ordiar failed protection of the main circuit96: 33 A (600 V, 100 KA)with por of assignment 2 required96: 30 A (600 V, 100 KA)with por of assignment 2 required96: 30 A (600 V, 100 KA)with por of assignment 2 required96: 30 A (600 V, 100 KA)with por of assignment 2 required96: 10 A (230 V, 400 KA)with por of assignment 2 required96: 10 A (230 V, 400 KA)with short 0-cut protection of the auxility switch required96: 10 A (230 V, 100 KA)with short 0-cut protection of the auxility switch required96: 10 A (230 V, 100 KA)with short 0-cut protection of the auxility switch required switch 2 Schort 0-cut protection conting96: 10 A (230 V, 100 KA)with short 0-cut protection96: 10 A (230 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection96: 10 A (230 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10	<ul> <li>at 110 V rated value</li> </ul>	1 A		
• #1600 Yrsied value01.1offer availage settor regulated for short-circuit protects96:10.0 (230 V.400 A)Contact reliability of availage contacts1 fauly settoring protection (200 V.200 V.	<ul> <li>at 125 V rated value</li> </ul>	0.9 A		
essays of the instance circuit protection of the auxiliary solution required of the auxiliary solution required of the auxiliary solution contracts according to UL         A000 / 0800           Contact reliability of auxiliary contacts according to UL         A000 / 0800           Stort activity protection         No           Ordinary contracts according to UL         A000 / 0800           Stort activity protection         No           - with type of condination 1 required - for short-cruut protection of the auxiliary with required - for short-cruut protection of the auxiliary with required - for short-cruut protection of the auxiliary with required - for words         Yes           Installing method - statistic mounting of the transition - forwards         Server and short of the auxiliary contract and buckward by 4-2-25 'on wethold mounting surface; can be titled forward and buckward by 4-2-25 'on wethold mounting surface; can be titled forward and buckward by 4-2-25 'on wethold mounting surface; - forwards           required spacing - forwards         10 mm           - upwards         10 mm           - ontwards         10 mm	<ul> <li>at 220 V rated value</li> </ul>	0.3 A		
of the auxilary availang contacts         1 struty availang or auxilary contacts           contact reliability of auxilary contacts         4 struty availang or 100 milion (17 V, 1 mA)           contact reliability of auxilary contacts according to UL         A 800 / 6800           Struture protection         No           product function short circuit protection         No           elesing of the tas link         -           - with type of adsignment 2 required         gG: 53 A (680 V, 100 kA)           - with type of adsignment 2 required         gG: 63 A (680 V, 100 kA)           - with type of adsignment 2 required         gG: 63 A (680 V, 100 kA)           - with type of adsignment 2 required         gG: 63 A (680 V, 100 kA)           - with type of adsignment 2 required         gG: 70 A (880 V, 100 kA)           - with type of adsignment 2 required         gG: 70 A (880 V, 100 kA)           - with table of mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface	• at 600 V rated value	0.1 A		
ULC5A values         A600 / 0600           SoftedFacult protection         A600 / 0600           product function short circuit protection         No           eleging of the tase link         For short-circuit protection is not circuit protection is availary switch required         g: (3 A (090 V, 100 kA)           - with type of assignment 2 required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - with type of assignment 2 required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - with type of assignment 2 required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - with type of assignment 2 required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - with side of counting of the awailary switch required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - with side of counting of the awailary switch required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - with side of counting of the awailary switch required         g: (3 A (090 V, 100 kA)         g: (3 A (090 V, 100 kA)           - mounting policities         softed system conting         to (0 (00 m)         g: (0 A (00 m)           - fastion is conting         10 mm         to (0 m)		gG: 10 A (230 V, 400 A)		
contact rating of auxiliary contacts according to UL         A600/0600           Short-chicult protection         No           product function short circuit protection         No           design of the fuse link         gf: 65 A (690 V, 100 KA)           - with type of condination 1 required         gf: 65 A (690 V, 100 KA)           - with type of condination 1 required         gf: 65 A (690 V, 100 KA)           - with type of condination 1 required         gf: 10 A (690 V, 100 KA)           - with type of condination 1 required         gf: 10 A (690 V, 100 KA)           Instantification mounting dimensions         required age and mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward a	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)		
Short-chrout production         No           product function short circuit protection         No           edsign of the type in (Main Circuit)         G: 63.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          with type of condination 1 required         gG: 20.A (690 V, 100 KA)          meuning condition         screw and sanap-on mounting surface; can be biled forward and backward by + 2.2 ° 7 montechnome 1 required          forwards         10 mm        forwards         10 mm	UL/CSA ratings			
product function short circuit protection         No           design of the fase link                design of the fase link               design of the fase link            - with type of coordination 1 required	contact rating of auxiliary contacts according to UL	A600 / Q600		
design of the fuse link              if or short-circuit protection of the main circuit	Short-circuit protection			
• for short-circuit protection of the main circuit         g: 63 A (690 V, 100 kA)           - with type of assignment 2 required         g: 62 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         g: 10 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         g: 10 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         g: 10 A (690 V, 1 kA)           • for short-circuit protection of the auxiliary switch required         science and snap-o mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and bio divertify           • with side-by-side mounting         • 00 mm         • 00 mm           • expands         10 mm         • 00 mm           • of origo quards         10 mm         • 00 mm           <	product function short circuit protection	No		
- with type of assignment 2 required         9G: 83 A (890 V. 100 kA)           - with type of assignment 2 required         9G: 20 A (890 V. 100 kA)           is of short-circuit protection of the auxiliary switch required         5G: 10 A (890 V. 14A)           imauting position         +100° rotation possible on vertical mounting surface: can be litted forward and backward by 4/- 225° on vertical mounting surface: can be litted forward and surface           fastening method         9C           - side by side mounting         Yes           heigh         00 mm           depth         107 mm           required spacing         -           - forwards         100 mm           - upwards         100 mm           - downwards         00 mm           - upwards         100 mm           - downwards         100 mm           - downwards         10 mm           <	design of the fuse link			
- with type of assignment 2 required • for short-circuit protection of the survival required • for grounded parts • for grounded parts • for grounded parts • for short-circuit protection • for survival survival required • for survival survival survival required • for survival survi	<ul> <li>for short-circuit protection of the main circuit</li> </ul>			
• for short-circul protection of the auxiliary switch required         g6: 10 A (690 V, 1 KA)           Installation inconting dimensions         +/180° rotation possible on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and the processing 100 mm           - forwards         100 mm           - forwards         100 mm           - upwards         100 mm           - upwards         100 mm           - onvards         100 mm           - onvards	<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 63 A (690 V, 100 kA)		
Installation/mounting/dimensions         +/-130° rotation possible on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and depth           height         102 mm           width         60 mm           dopth         102 mm           • with side-by-side mounting         100 mm           - upwards         10 mm           - dorwards         10 mm           - at the side         0 mm           • for gounded parts         10 mm           - dorwards         10 mm<	<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 20 A (690 V, 100 kA)		
mounting position         +1.80° 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 out 0.5 mm DIN cal according to DIN EN 60715           • side-by-side mounting         Yes           height         102 mm           vieth         60 mm           depth         107 mm           required spacing         •           • with side-by-side mounting         -           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - at the side         0 mm           - at the side         0 mm           - downwards         10 mm           - downwards         10 mm           - at the side         6 mm           - downwards         10 mm<	<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (690 V, 1 kA)		
mounting position         +1.80° 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 out 0.5 mm DIN cal according to DIN EN 60715           • side-by-side mounting         Yes           height         102 mm           vieth         60 mm           depth         107 mm           required spacing         •           • with side-by-side mounting         -           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - at the side         0 mm           - at the side         0 mm           - downwards         10 mm           - downwards         10 mm           - at the side         6 mm           - downwards         10 mm<	Installation/ mounting/ dimensions			
backward by 4+ 22.5° on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           height         102 mm           height         000 mm           depth         107 mm           required spacing         107 mm           - infwards         100 mm           - upwards         100 mm           - downwards         00 mm           - downwards         100 mm           - downwards         100 mm           - downwards         100 mm           - downwards         100 mm           - upwards         100 mm           - downwards         100 mm           - downwards         100 mm           - upwards         100 mm           - downwards				
• side-by-side mounting         Yes         To           height         102 nm         102 nm           width         60 mm         60 mm           depth         107 nm         107 nm           required spacing         10 mm         100 mm           - upwards         10 mm         100 mm           - upwards         10 mm         100 mm           - dorwards         10 mm         100 mm           - at the side         0 mm         100 mm           - for grounded parts         10 mm         100 mm           - for wards         10 mm         100 mm           - upwards         10 mm         100 mm           - upwards         10 mm         100 mm           - dorwards         10 mm				
height       102 mm         width       60 mm         depth       107 mm         required spacing       107 mm         - with side-by-side mounting       -         - forwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       0 mm         - for vards       10 mm         - upwards       10 mm         - upwards       10 mm         - upwards       10 mm         - upwards       10 mm         - downwards       10 mm         - of rawards       5 frim_site <td< td=""><td>fastening method</td><td>screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715</td></td<>	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715		
vikith         60 mm           depth         107 mm           required spacing         107 mm           • with side-by-side mounting         0 mm           - forwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - at the side         0 mm           - for grounded parts         10 mm           - upwards         10 mm           - upwards         10 mm           - at the side         6 mm           - downwards         10 mm           - downards	<ul> <li>side-by-side mounting</li> </ul>	Yes		
depth107 mmrequired spacing• with side-by-side mounting- forwards- upwards- upwards- downwards0 mm- downwards0 mm- downwards0 mm- downwards0 mm- for grounded parts- forwards0 mm- upwards10 mm- upwards10 mm- downwards0 mm- downwards10 mm- downwards10 mm- for live parts- forwards10 mm- downwards10 mm- for auxiliary contacts- solid <td>height</td> <td>102 mm</td>	height	102 mm		
required spacing         • with side-by-side mounting         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       0 mm         - at the side       0 mm         - for upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ terminals	width	60 mm		
• with side-by-side mountingI- forwards10 mm- upwards10 mm- upwards10 mm- at the side0 mm- at the side0 mm- forwards10 mm- upwards10 mm- upwards0 mm- upwards0 mm- upwards0 mm- at the side6 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- forlike partsI- forwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- for auxiliary and control circuitspring-loaded terminals- for auxiliary and control circuitspring-loaded terminals• of maginet coilSpring-lype terminals• of auxiliary contactsSpring-lype terminals• of auxiliary contactsSpring-lype terminals• of angent coil2x (1 10 mm²)• solid2x (1 10 mm²)• finely stranded with core end processing2x (1 10 mm²• solid or stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²<	depth	107 mm		
forwards10 mm upwards10 mm downwards10 mm downwards0 mm forwards0 mm forwards10 mm upwards10 mm upwards0 mm upwards10 mm downwards10 mm downwards5pring-type terminals downwardsSpring-type terminals downwardsSpring-type terminals downwardsSpring-type terminals for axiliary and control circuitSpring-type terminals of for axiliary contactsSpring-type terminals of for axiliary contactsSpring-type terminals of for axiliary contactsSpring-type terminals of finely stranded with core end processing2x (1 10 mm <sup>2</sup> )	required spacing			
- upwards10 mm- downwards00 mm- at the side00 mm• for grounded parts00 mm- forwards10 mm- upwards10 mm- upwards00 mm- at the side6 mm- downwards00 mm- downwards10 mm- forwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- downwards00 mm- at the side6 mm6 mm5 pring-loaded terminals5 pring-loaded terminalsfor auxiliary and control circuitspring-loaded terminalsto romain current circuitspring-loaded terminalsto for auxiliary contactsSpring-loaded terminalstype of connectable conductor cross-sections for main contactsSpring-loaded terminalstype of connectable conductor cross-sections for main contactsSpring-loaded terminalssolid2x (1 10 mm²)solid or stranded2x (1 10 mm²)solid or stranded2x (1 10 mm²solid or stranded1 10 mm²	<ul> <li>with side-by-side mounting</li> </ul>			
- downwards10 mm- at the side0 mm- for grounded parts0 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards10 mm- forwards10 mm- forwards10 mm- forwards10 mm- forwards10 mm- downwards10 mm- at the side6 mm- forwards10 mm- at the side6 mmConnections/ Terminals9 mm- at the side5 pring-loaded terminals• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of auxiliary contactsSpring-type terminals• of auxiliary contactsspring-loaded terminals• of auxiliary and control circuitspring-loaded terminals• of auxiliary and control circ	— forwards	10 mm		
LatterDraw at the side0 mm forwards10 mm upwards10 mm upwards10 mm downwards0 mm downwards10 mm downwards10 mm downwards10 mm forwards10 mm forwards10 mm upwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm at the side6 mm at the side6 mm at the side5 pring-loaded terminals of main current circuitspring-loaded terminals- for main current circuitspring-loaded terminals- of or auxiliary and control circuitspring-loaded terminals- of if auxiliary contactsSpring-type terminals- of magnet coilSpring-type terminals- solid2x (1 10 mm²)- solid2x (1 10 mm²)- solid vithout core end processing2x (1 6 mm²)- solid or stranded1 10 mm²- stranded1 10 mm²- stranded with core end processing1 6 mm²- finely stranded with core end processing<	— upwards	10 mm		
• for grounded partsI 0 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards00 mm• for live parts10 mm- forwards10 mm- upwards10 mm- downwards6 mm- downwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards5 pring-loaded terminals• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• of inely stranded with core end processing2x (1 10 mm²)• finely stranded with core end processing2x (1 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²• solid with core end processing1 10 mm²• solid with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• stranded with core end processing1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 6 mm²	— downwards	10 mm		
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- at the side       6 mm         - at the side       6 mm         - downwards       10 mm         • for live parts       -         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       6 mm         Connections/ Terminals       5 mm         Connections / Terminals       6 mm         connact or for auxiliary and control circuit       spring-loaded terminals         of ragnet coil       Spring-type terminals         of magnet coil       Spring-type terminals         vipe of connectable conductor cross-sections for main contacts       5         • solid       2x (1 10 mm²)         of inely stranded with core end processing       2x (1 10 mm²)         iniely stranded with core end processing       2x (1 6 mm²)         • solid       1 10 mm²         • solid       1 10 mm²         • solid or stranded	— forwards	10 mm		
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<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>1 6 mm<sup>2</sup></li> </ul>				
• finely stranded without core end processing 1 6 mm <sup>2</sup>				
connectable conductor cross-section for auxiliary contacts		1 6 mm²		
	connectable conductor cross-section for auxiliary contacts			

solid or stranded			).5 2.5 mm <sup>2</sup>			
-	vith core end processing		).5 1.5 mm²			
<ul> <li>finely stranded without core end processing</li> </ul>		5	0.5 2.5 mm²			
	onductor cross-sections	5				
<ul> <li>for auxiliary contacts</li> </ul>						
— solid			2x (0.5 2.5 mm²)			
— solid or stra			2x (0.5 2.5 mm²)			
-	ded with core end process		2x (0.5 1.5 mm²)			
-	ded without core end proc	÷	2x (0.5 2.5 mm²)			
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>			2x (20 14)			
section	ed connectable conducto					
for main contacts			88			
for auxiliary contacts		2	20 14			
afety related data		_		_	_	
product function						
	cording to IEC 60947-4-1		/es			
61508	nterval or service life acco	-	20 a			
	the front according to I		P20			
•	ouch protection on the front according to IEC 60529		inger-safe, for vertical contact	from the front		
ommunication/ Protocol						
product function bus	communication	Ν	10			
ertificates/ approvals						
General Product App	roval				EMC	
Functional Safety/Safety of Ma-	Declaration of Confor	mity	Test Certificates		Marine / Shipping	
chinery					indiano i empling	
<u>Type Examination Cer-</u> tificate	UK CA	CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	
Marine / Shipping						
BUREAU VERITAS		Hoyds Kegister us	PRS		RMRS RMRS	
other		Railway	Dangerous Good	Environment		
<u>Confirmation</u>		Vibration and Shore	ck Transport Information	Environmental Con- firmations		

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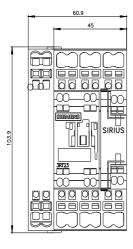
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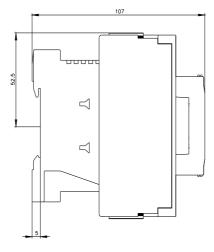
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2325-2BB40&lang=en

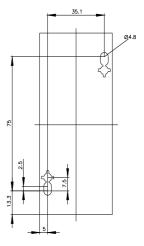
Characteristic: Tripping characteristics, I²t, Let-through current

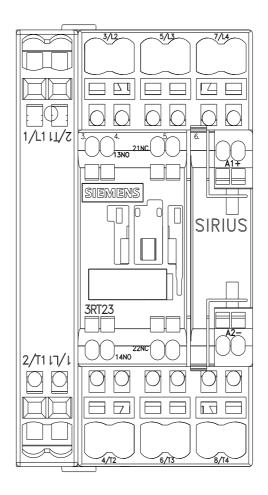
https://support.industry.siemens.com/cs/ww/en/ps/3RT2325-2BB40/char

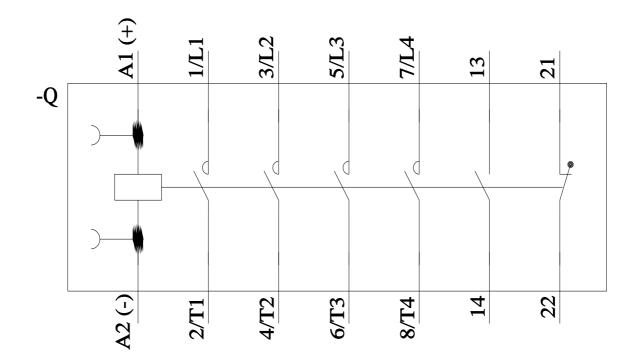
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2325-2BB40&objecttype=14&gridview=view1











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