SIEMENS

Data sheet 3RT2326-2BB40



Contactor, AC-1, 40 A/400 V/40 °C, S0, 4-pole, 24 V DC, 1 NO+1 NC, Spring-type terminal

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 	9.6 W
 at AC in hot operating state per pole 	2.4 W
 without load current share typical 	5.9 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 DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (switching 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	40 A
rated value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C	40 A
rated value	05.4
— up to 690 V at ambient temperature 60 °C	35 A
rated value	
• at AC-3	45.5.4
— 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 ²
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	
 limited to 1 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	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	1000 1111
	DC
type of voltage	
type of voltage of the control supply voltage	DC
control supply voltage at DC	24.7/
• 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	E0 170 mg
• at DC	50 170 ms
ananing dalay	
opening delay	
• at DC	15 18 ms
• at DC arcing time	15 18 ms 10 10 ms
at DC arcing time control version of the switch operating mechanism	15 18 ms
• at DC arcing time	15 18 ms 10 10 ms
at DC arcing time control version of the switch operating mechanism	15 18 ms 10 10 ms
at DC arcing time control version of the switch operating mechanism Auxiliary circuit	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 1 2 1 10 A
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A 3 A 2 A
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A 10 A 3 A
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A 3 A 2 A 1 A
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A 10 A 10 A 10 A 10 A
at DC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 690 V rated value at 24 V rated value at 24 V rated value at 24 V rated value at 48 V rated value	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A 3 A 2 A 1 A 10 A 6 A
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	15 18 ms 10 10 ms Standard A1 - A2 1 2 1 1 2 1 1 0 A 10 A 10 A 10 A 10 A

* at 125 V rated value 2 A 1 A 125 V rated value 1 A		
a di 20 V rated value operational current at DC-13 a di 24 V rated value a di 45 V rated value a mi 10 V rated value b mi 125 V rated value a mi 10 V rated value b mi 125 V rated value a mi 10 V rated value b mi 125 V rated value b mi 126 V rated value b mi 127 V rated value b mi 128 V rated value contact ratellarity of auxiliary contacts ULCSA ratings ULCSA ratings V rated value with per of assignment 2 required with per of assignment 2 required with tipe of assignment 2 required with tipe of assignment 2 required with per of assignment 2 required with per of assignment 2 required with mounting dimensions with mounting dimensions with mounting dimensions with mounting dimensions with dieb-y-side mounting with dieb-y-side mountin	at 125 V rated value	2 A
operational current at DC-13 • at 24 V rated value • at 10 V rated value • at 10 V rated value • at 120 V rated value • at 20 V rated value • at 220 V rated va	at 220 V rated value	1 A
e at 24 V rated value e at 48 V rated value e at 125 V rated value e at 125 V rated value e at 125 V rated value e at 226 V rated value e at 226 V rated value e at 227 V rated value e at 228 V rated value e at 228 V rated value e at 229 V rated value e at 229 V rated value e at 220 V rated value e at 220 V rated value design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required contact ratiolity of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact rating of auxiliary contacts VLCSA ratings contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) VLCSA ratings contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) VLCSA ratings contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) VLCSA ratings contact rating of auxiliary contacts 10 mounting position For short-circuit protection 4 for short-circuit protection of the auxiliary switch required - with type of continetion 1 required - side-by-side mounting - with side-by-side mounting - forwards - upwards - downwards - upwards - of manufact auxiliary contacts - of manufact auxiliary and control circuit -	at 600 V rated value	0.15 A
e at 48 V rated value e at 110 V rated value e at 1220 V rated value e at 220 V rated value e at 600 V rated value ges at 600 V rated value e visit side-by-side mounting e rated spacing e visit side-by-side mounting e at 600 V rated value e downwards e at 600 V rated value e for rated rated space e visit side-by-side mounting e visit side-by-side mounting e rated spacing e visit side-by-side mounting e of rated rated space e downwards e of rated space e downwar	operational current at DC-13	
* at 110 V rated value * at 125 V rated value * at 225 V rated value * at 225 V rated value * at 220 V rated value * at 220 V rated value * at 600 V rated value * at 700 V rated	 at 24 V rated value 	10 A
* at 125 V rated value * at 220 V rated	at 48 V rated value	2 A
e at 220 V rated value at 600 V rated value at 600 V rated value eagin of the ministure circuit breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact rating of auxiliary contacts according to UL 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 assignment 2 required — for short-circuit protection of the auxiliary switch required — with type of assignment 2 required — for short-circuit protection of the auxiliary switch required — with type of assignment 2 required — for short-circuit protection of the auxiliary switch required — with type of assignment 2 required — for short-circuit protection of the auxiliary switch required — with type of assignment 2 required — for short-circuit protection of the auxiliary switch required — with type of assignment 2 required — for short-circuit protection of the auxiliary switch required — with type of assignment 2 required — side-by-side mounting fastening method sciew and snap-on mounting onto 55 mm standard 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 ariface scooling to bit EN 60715 Yes with side-by-side mounting of more mounting onto 55 mm standard mounting rail according to bit EN 60715 Yes of or grounded parts of or	 at 110 V rated value 	1 A
• at 500 V rated value 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 rating of auxiliary contacts according to UL Contact rating of auxiliary contacts according to UL 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 coordination 1 required with type of assignment 2 required with type of assig	 at 125 V rated value 	0.9 A
design of the miniature circuit broader for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts ULCSA ratings Contact reliability of auxiliary contacts ULCSA ratings Contact reliability of auxiliary contacts ULCSA ratings Contact reliability of auxiliary contacts according to UL A600 / G600 No A600 / G600 A600 / G600 No A600 / G600 No A600 / G600 A600 / G600 A600 / G600 No A600 / G600 A600 / G600 / 100 kA) G6: 50 A (690 V, 100 kA) G7: 00 A (690 V, 100	 at 220 V rated value 	0.3 A
protection of the auxiliary switch required contact rating of auxiliary contacts UICSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection product function short circuit protection of the main circuit with type of condinanton 1 requiredwith type of condinanton 1 requiredwith type of converting of the fuse link with type of assignment 2 requiredwith type of assignment 2 requiredwith type of converting of the suxiliary switch requiredwith type of sostingment 2 requiredwith type of sostingment 2 requiredwith type of converting of the suxiliary switch required	at 600 V rated value	0.1 A
Contact rating of auxiliary contacts according to UL A600 / Q600 A600 / Q600 / Q600 / Q600 A600 / Q600 / Q600 / Q600 A600 / Q600 / Q600 / Q600 / Q600 A600 / Q600 / Q600 / Q600 / Q600 A600 / Q600 / Q600 / Q600 / Q600 / Q600 A600 / Q600 A600 / Q600 / Q		gG: 10 A (230 V, 400 A)
contact rating of auxiliary contacts according to UL 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 — 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 — with type of assignment 2 required — side-by-side mounting dimensions ##-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 ba	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Short-circuit protection Product function short circuit protection No	UL/CSA ratings	
product function short circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch • for stallation mounting dimensions mounting position fastening method • side-by-side mounting • with side-by-side mounting • with side-by-side mounting • owith side-by-side mounting • forwards • upwards • upwards • for grounded parts • forwards • at the side • for grounded parts • forwards • for live parts • downwards • for live parts • downwards • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for main current circuit • for famian contacts • of magnet coil • for famian contacts • of magnet coil • for finely stranded with core end processing • for finely stranded with core end processing • control for stranded • for min' • forman'	contact rating of auxiliary contacts according to UL	A600 / Q600
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 Installation / mounting / dimensions Mounting position *	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 Installation / mounting / dimensions Mounting position *	product function short circuit protection	No
• for short-circuit protection of the main circuit — with type of coordination 1 required — with type of coordination 1 required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for short-circuit protection of the auxillary switch required • for side-by-side mounting of the auxillary switch required spacing • side-by-side mounting • side-by-side mounting • with side-by-side mounting with side-by-side mounting side-by-side mounting surface screw and snap-on mounting onto 35 mm standard mounting surface screw and snap-on mounting onto 35 mm standard mounting surface screw and snap-on mounting onto 35 mm standard mounting surface screw and snap-on mounting onto 35 mm standard mounting surface screw and snap-on mounting onto 35 mm standard mounting surface screw and snap-on mounting onto 35 mm standard mounting surface screw and snap-on mounting on		
- with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required 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 statistical mounting dimensions - with side-by-side mounting - forwards - upwards - upwards - at the side - downwards - of ownwards - at the side - downwards - of ownwards - of for lie parts - forwards - downwards - of ownwards - the side - downwards - the side - for live parts - forwards - the side - for main current circuit - solid - at the side - solid ontranded - for main contacts - solid - solid or stranded - finely stranded with core end processing - x(1 10 mm²) - x(1 10 mm²) - x(2 10 mm²) - x(1 10 mm²)	•	
- with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Instalation/ mounting/ dimensions mounting position fastening method • side-by-side mounting • with side-by-side mounting • orwards - upwards - downwards - at the side • for grounded parts - forwards - upwards - at the side • for live parts - forwards - downwards • for live parts - downwards - downwards - the side • for main current circuit • for auxiliary and control circuit • of or auxiliary and control circuit • of or auxiliary and control crosts-sections • for main contacts • for main contact - solid - solid or stranded - finely stranded with core end processing 2x (1 10 mm²) 2x (1 10 mm²)	•	gG: 63 A (690 V, 100 kA)
For short-circuit protection of the auxiliary switch required		, , , , , , , , , , , , , , , , , , , ,
required mounting position 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 standard mounting rail according to DIN EN 60715 * side-by-side mounting * height #idepth #idept		
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 standard mounting rail according to DIN EN 60715 Yes height 102 mm width 60 mm depth 107 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 — forwards 10 mm • for grounded parts — at the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm • for live parts — the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm • for live parts — forwards 10 mm • for live parts — the side 5 mm — downwards 5 mm — downwards 5 mm — downwards 5 mm • for main courtent circuit spring-loaded terminals * spring-loaded terminals * type of electrical connection • for mailiary and control circuit spring-loaded terminals * spring-loaded termi		
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 standard mounting rail according to DIN EN 60715 Yes height 102 mm width 60 mm depth 107 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 — forwards 10 mm • for grounded parts — at the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm • for live parts — the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm • for live parts — forwards 10 mm • for live parts — the side 5 mm — downwards 5 mm — downwards 5 mm — downwards 5 mm • for main courtent circuit spring-loaded terminals * spring-loaded terminals * type of electrical connection • for mailiary and control circuit spring-loaded terminals * spring-loaded termi	Installation/ mounting/ dimensions	
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according to DIN EN 60715 height 102 mm width 60 mm depth 107 mm required spacing • with side-by-side mounting — forwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts — upwards 10 mm — at the side 6 mm — downwards 10 mm • for five parts — forwards 10 mm — at the side 6 mm — downwards 10 mm — at the side 6 mm — downwards 10 mm — at the side 6 mm — downwards 10 mm — at the side 6 mm — downwards 10 mm • for live parts — forwards 10 mm • for mive parts — forwards 10 mm • for an incurrent circuit spring-loaded terminals — at the side 5 mm connections/ Terminals type of electrical connection • for auxiliary and control circuit spring-loaded terminals • at contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals • for main contacts — solid 2x (1 10 mm²) — solid or stranded — finely stranded with core end processing 2x (1 10 mm²) — finely stranded with core end processing 2x (1 10 mm²)		forward and backward by +/- 22.5° on vertical mounting surface
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width 60 mm depth 107 mm required spacing • with side-by-side mounting — forwards 10 mm — upwards 10 mm — at the side 0 mm • for grounded parts 10 mm — at the side 6 mm — downwards 10 mm • for live parts 10 mm — torwards 10 mm — upwards 10 mm — downwards 10 mm — at the side 6 mm Connections/ Terminals type of electrical connection spring-loaded terminals • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals • for main current circuit spring-type terminals • for main contactor for auxiliary contacts Spring-type terminals • for main contacts Spring-type terminals • solid or stranded 2x (1 10 mm²) — solid or stranded with core end processing 2x (1 10 mm²) — finely stranded with core end processing 2x (1 6 mm²)		
depth		
required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — upwards — the side — downwards — at the side — downwards — the side — downwards — the side — downwards — to mm for live parts — forwards — upwards — upwards — upwards — to mm - at the side — downwards — to mm for live parts — forwards — upwards — upwards — the side — downwards — to mm Connections/ Terminals type of electrical connection for auxiliary and control circuit — for auxiliary and control circuit — spring-loaded terminals of magnet coil type of connectable conductor cross-sections for main contacts — solid — solid or stranded — finely stranded with core end processing 2x (1 10 mm²) — solid or stranded — finely stranded with core end processing 10 mm 10		
 with side-by-side mounting — forwards — upwards — downwards — at the side — for grounded parts — forwards — of mm — of ownwards — of mm — upwards — at the side — at the side — at the side — downwards — for live parts — forwards — of ownwards — upwards — ownwards — ownwards — ownwards — omm — at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • at contactor for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts — solid — solid or stranded — solid or stranded of the mm² 2x (1 10 mm²) — solid or stranded with core end processing 2x (1 10 mm²) — solid or stranded with core end processing 	•	107 111111
- forwards		
- upwards - downwards - at the side of or grounded parts - forwards - upwards - upwards - at the side of mm - upwards - upwards - at the side - downwards - downwards of or live parts - forwards - upwards - for live parts - forwards - upwards - upwards - upwards - upwards - downwards - at the side - downwards - at the side - formands - at the side - formands - at the side - forman current circuit of or auxiliary and control circuit of a auxiliary and control circuit of magnet coil type of connectable conductor cross-sections of or main current circuits - solid - solid - solid - solid - solid or stranded - finely stranded with core end processing 10 mm - to mm -		40
- downwards - 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 • for live parts - forwards 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 • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - solid 0		
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- at the side - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm 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 - solid or stranded - finely stranded with core end processing 6 mm 10 mm 6 mm 6 mm Connections/ Terminals 10 mm 6 mm 6 mm 6 mm 7 Spring-loaded terminals 9 Spring-loaded terminals 9 Spring-type terminals 9 Spring-type terminals 10 mm 10 mm 10 mm 10 mm 20 Spring-loaded terminals 10 mm 20 Spring-loaded terminals 20 Spring-type terminals 20 Spring-type terminals 20 Spring-type terminals 20 Spring-type terminals		
- downwards • for live parts - forwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing 10 mm 10 mm 10 mm 50 mm 6 mm Connections/ Terminals 10 mm 1	•	
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 — solid or stranded — finely stranded with core end processing 10 mm — for mm — for mm — for mm — solid or stranded with core end processing — finely stranded with core end processing 10 mm — for mm — for mm — for mm — solid or stranded or for mm — finely stranded with core end processing — solid or stranded or for mm — finely stranded with core end processing		
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 Spring-type terminals • of magnet coil Spring-type terminals type of connectable conductor cross-sections • for main contacts solid 2x (1 10 mm²) solid or stranded 2x (1 10 mm²) finely stranded with core end processing 2x (1 6 mm²)		TU mm
- 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 - solid or stranded - finely stranded with core end processing 10 mm 10 mm 10 mm 10 mm 10 mm 10 spring-loaded terminals spring-loaded terminals Spring-type terminals Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²)		40
- 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 - solid or stranded - finely stranded with core end processing 10 mm 6 mm 6 mm Spring-loaded terminals spring-loaded terminals Spring-type terminals Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²)		
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 solid or stranded solid or stranded finely stranded with core end processing 2x (1 10 mm²) 2x (1 10 mm²)		
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 — solid or stranded — finely stranded with core end processing spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-type terminals Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²)		
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 — solid or stranded — finely stranded with core end processing spring-loaded terminals Spring-loaded terminals Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²)		ь mm
 for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Spring-type terminals Spring-type terminals Spring-type terminals of main contacts solid solid or stranded finely stranded with core end processing spring-loaded terminals Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²) 3x (1 10 mm²) 3x (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 — solid or stranded — finely stranded with core end processing spring-loaded terminals Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²) 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 — solid or stranded — finely stranded with core end processing Spring-type terminals 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 6 mm²) 		
 ◆ of magnet coil Spring-type terminals type of connectable conductor cross-sections ◆ for main contacts — solid — solid or stranded — solid or stranded with core end processing 2x (1 10 mm²) 2x (1 6 mm²) 	 for auxiliary and control circuit 	spring-loaded terminals
type of connectable conductor cross-sections		Spring-type terminals
 for main contacts — solid — solid or stranded — finely stranded with core end processing 2x (1 10 mm²) 2x (1 6 mm²)		Spring-type terminals
 — solid — solid or stranded — finely stranded with core end processing 2x (1 10 mm²) 2x (1 10 mm²) 2x (1 6 mm²) 	type of connectable conductor cross-sections	
 — solid or stranded — finely stranded with core end processing 2x (1 10 mm²) 2x (1 6 mm²) 	 for main contacts 	
— finely stranded with core end processing 2x (1 6 mm²)	— solid	2x (1 10 mm²)
	man and the second seco	
— finely stranded without core end processing 2x (1 6 mm²)	 solid or stranded 	
	— finely stranded with core end processing	2x (1 6 mm²)

at AWG cables for main contacts	2x (18 8)	
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 mm²	
 finely stranded with core end processing 	0.5 1.5 mm²	
finely stranded without core end processing	0.5 2.5 mm²	
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)	
at 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 y	
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		EMC

Confirmation









Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping

Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping













other Dangerous Good

Confirmation



Transport Information

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2326-2BB40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2326-2BB40

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-2BB40

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2326-2BB40&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-2BB40/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2326-2BB40&objecttype=14&gridview=view1

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