## **SIEMENS**

## **Data sheet**

## 3RA2326-8XB30-1BB4



reversing contactor assembly, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 24 V DC, screw terminal, electrical and mechanical interlock, auxiliary contacts: 2 x 1 NO

product brand name	SIRIUS	
product designation	Reversing contactor assembly	
product type designation	3RA23	
manufacturer's article number		
<ul> <li>1 of the supplied contactor</li> </ul>	3RT2026-1BB40	
<ul> <li>2 of the supplied contactor</li> </ul>	3RT2026-1BB40	
<ul> <li>of the supplied RH assembly kit</li> </ul>	3RA2923-2AA1	
General technical data		
size of contactor	S0	
product extension auxiliary switch	Yes	
shock resistance at rectangular impulse		
• at AC	8,3g / 5 ms, 5,3g / 10 ms	
• at DC	10g / 5 ms, 7,5g / 10 ms	
shock resistance with sine pulse		
• at AC	13,5g / 5 ms, 8,3g / 10 ms	
• 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</li> </ul>	10 000 000	
typical		
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	
Main circuit		
number of poles for main current circuit	3	
number of NO contacts for main contacts	3	
number of NC contacts for main contacts	0	
operating voltage		
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V	
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V	
operational current		
• at AC-3		
— at 400 V rated value	25 A	
— at 500 V rated value	18 A	
— at 690 V rated value	13 A	
• at AC-3e		
— at 400 V rated value	25 A	
— at 500 V rated value	18 A	

at 600 V rated value		
* at AC3	— at 690 V rated value	13 A
	operating power	
at 500 V rated value at 8C-3e at 400 V rated value at 690 V rated value at 8C-3e maximum at AC-3e maximum	• at AC-3	
at 500 V rated value at 8C-3e at 400 V rated value at 690 V rated value at 8C-3e maximum at AC-3e maximum	— at 400 V rated value	11 kW
at 800 / rated value at		
		I I KVV
- at 890 Y rated value	• at AC-3e	
at AC-4 at 400 Y rated value operating frequency  at AC-3 maximum  at AC-3 maximum  at AC-3 maximum  by of voltage of the control supply voltage  control surply voltage 1  at DC rated value  closing power of magnet coil at DC  holding power of magnet coil at DC  sper direction of rotation  per direction of rotation  instantaneous contact  per direction of rotation  instantaneous contact  contact reliability of auxiliary contacts  per direction of rotation  at 800 Y rated value  at 8755000 Y rated value  at 480480 V rated value  at 7,5 hp  at 800 V G800  Short-circuit protection  at 7,5 hp  at 800 V G800  Short-circuit protection  at 800 V rated value  at 7,5 hp  at 800 V G800  Short-circuit protection  at 800 V rated value  at 7,5 hp  at 800 V rated value		11 kW
operating frequency  at AC-3 maximum  at AC-3 maximum  750 1/h  Control circuit/ Control  type of voltage of the control supply voltage control supply voltage 1  at DC Tracted value closing power of magnet coil at DC  Auxiliary circuit number of NO contacts for auxiliary contacts  per direction of rotation  instantaneous contact  contact reliability of auxiliary contacts  at 600 V rated value  at 600 V rated value  at 600 V rated value  at 450 V seled value  at 450 V seled value  at 450 V seled value  at 450 V rated value  at 550 V rated value  bis 15 V p  at 600 V cetous  at 600 V rated value  at 550 V rated value  at 600 V rated value  at 550 V rated value  at 550 V rated value  at 550 V rated value  bis 15 V p  at 600 V rated value  at 600 V rated value  at 550 V rated value  at 550 V rated value  at 600 V rated value  at 600 V rated value  at 600 V rated value  at 550 V rated value  at 600 V rated value  at 600 V rated value  at 600 V rated value  bis 15 V p  at 600 V rated value  at 600 V rat	<ul><li>— at 690 V rated value</li></ul>	11 kW
at AC-3 maximum at AC-3 maximum 750 1/h  Control circuit/ Control  type of voltage of the control supply voltage control supply voltage 1  at DC rated value closing power of magnet coil at DC holding power of magnet coil at DC 5.9 W holding power of magnet coil at DC Austinay circuit  per direction of rotation instantaneous contact per direction of rotation instantaneous contact contact reliability of auxiliary contacts  1 error per 100 million operating cycles  UL/CSA ratings  UL/CSA ratings  UL/CSA ratings  UL/CSA ratings  Tull-load current (FLA) for 3-phase AC motor at 480 V rated value 22 A yielded mechanical performance [hp] for 3-phase AC motor  at 220/230 V rated value 5 at 675/6800 V rated value 5 at 675/6800 V rated value 5 at 675/6800 V rated value 6 at 460/480 V rated value 6 or 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 fastenling method holght width depth required spacing  with slice-by-side mounting — invariads — beckwards — upwards — at the side • for grounded parts — (orwards — at the side • for grounded parts — (orwards — at the side • tor grounded parts — (orwards — backwards — upwards — at the side • for grounded parts — (orwards — at the side • for grounded parts — (orwards — at the side — downwards — at the side • for grounded parts — (orwards — at the side — odwnwards — at the side — odwnwards — at the side • for grounded parts — (orwards — of the parts — (orwards — orwards — of the parts — (orwards — orwards — orwards — orwards	<ul> <li>at AC-4 at 400 V rated value</li> </ul>	7.5 kW
at AC-3 maximum at AC-3 maximum 750 1/h  Control circuit/ Control  type of voltage of the control supply voltage control supply voltage 1  at DC rated value closing power of magnet coil at DC holding power of magnet coil at DC 5.9 W holding power of magnet coil at DC Austinay circuit  per direction of rotation instantaneous contact per direction of rotation instantaneous contact contact reliability of auxiliary contacts  1 error per 100 million operating cycles  UL/CSA ratings  UL/CSA ratings  UL/CSA ratings  UL/CSA ratings  Tull-load current (FLA) for 3-phase AC motor at 480 V rated value 22 A yielded mechanical performance [hp] for 3-phase AC motor  at 220/230 V rated value 5 at 675/6800 V rated value 5 at 675/6800 V rated value 5 at 675/6800 V rated value 6 at 460/480 V rated value 6 or 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 fastenling method holght width depth required spacing  with slice-by-side mounting — invariads — beckwards — upwards — at the side • for grounded parts — (orwards — at the side • for grounded parts — (orwards — at the side • tor grounded parts — (orwards — backwards — upwards — at the side • for grounded parts — (orwards — at the side • for grounded parts — (orwards — at the side — downwards — at the side • for grounded parts — (orwards — at the side — odwnwards — at the side — odwnwards — at the side • for grounded parts — (orwards — of the parts — (orwards — orwards — of the parts — (orwards — orwards — orwards — orwards	operating frequency	
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type of voltage of the control supply voltage control supply voltage 1  • at DC Tated value closing power of magnet coil at DC holding power of magnet coil at DC  Auxiliary circuit  number of NO contacts for auxiliary contacts • per direction of rotation • instantaneous contact contact reliability of auxiliary contacts  • per direction of rotation • instantaneous contact contact reliability of auxiliary contacts  1 2  1 22 A  yielded mechanical performance (hp) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 480480 V rated value • at 48050 V rated value • at 480760 V rated value • at 675600 V rated value contact rating of auxiliary contacts according to UL  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 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 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 requ		750 1/h
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contol supply voltage 1 at DC retad value closing power of magnet coil at DC bidding power of magnet coil at DC bidding power of magnet coil at DC s.9 W  Auxiliary circuit  number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts at 600 V rated value at 600 V rated value at 600 V rated value at 400 v rated value at 400 v rated value bidding of word value at 575/600 V rated value at 575/600 V rated value bidding of the fuse link for short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required fastening method hoight nounting / dimensions  mounting position  fastening method hoight for words at 400 v side of words at 575/600 v rated value  at 7.5 hp at 600 v geo  7.5 hp at 600 v geo  7.5 hp at 600 v geo  800 v geo  900 v geo  800 v geo  900 v geo  800 v geo  900 v geo  800	type of voltage of the control supply voltage	DC
e at DC rated value closing power of magnet coil at DC bolding power of magnet coil at DC  Auxiliary circuit  **Immune of NO contacts for auxiliary contacts  **per direction of rotation  **instantaneous contact  **per direction of rotation  **instantaneous contact  **contact reliability of auxiliary contacts  **1 error per 100 million operating cycles  **UUCSA ratings  **full-load current (FLA) for 3-phase AC motor  **a 14 80 V rated value  **a 16 00 V rated value  **a 16 00 V rated value  **a 14 600 40 V rated value  **a 14 460 480 V rated value  **a 14 460 480 V rated value  **a 14 560 560 V rated value  **a 15 7560 V rated value  **a 16 7560 V rated value  **a 17 7560 V rated value  **a 18 7560 V rated value  *		
closing power of magnet coil at DC holding power of magnet coil at DC 5.9 W  Auxiliary circit: number of NO contacts for auxiliary contacts • per direction of rotation • instantaneous contact 2 contact reliability of auxiliary contacts  • 2 terror per 100 million operating cycles  UL/CSA ratins  full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 202/330 V rated value • at 202/330 V rated value • at 480 V rated value • at 575/600 V rated value • at 640480 V rated value • at 640480 V rated value • at 640480 V rated value • at 675/600 V rated value • or 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 mounting dimensions  mounting position  fastening method forward and backward by 4/- 22.5' on vertical mounting surface; can be tilted forward and backward by 4/- 22.5' on vertical mounting surface serve and snap-on mounting onto 35 mm DIN rail height width 90 mm 107 mm  required spacing • with side-by-side mounting • forwards — backwards — downwards — at the side • for grounded parts — forwards — at the side • for grounded parts — forwards — at the side — downwards • for live parts		041/
Auxiliary circuit   Auxiliary circuit   Auxiliary circuit   September   Sept		
Auxiliary circuit number of NO contacts for auxiliary contacts	closing power of magnet coil at DC	5.9 W
number of NO contacts for auxiliary contacts  • per direction of rotation  • instantaneous contact  contact reliability of auxiliary contacts  **ULICSA ratings**  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  at 800 V rated value  • at 220/230 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 575600 V rated value  • for 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 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 switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protec	holding power of magnet coil at DC	5.9 W
number of NO contacts for auxiliary contacts  • per direction of rotation  • instantaneous contact  contact reliability of auxiliary contacts  **ULICSA ratings**  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  at 800 V rated value  • at 220/230 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 575600 V rated value  • for 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 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 switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protec	Auxiliary circuit	
Per direction of rotation     Instantaneous contact     Instantan		
instantaneous contact contact reliability of auxiliary contacts  VLICSA ratings  full-load current (FLA) for 3-phase AC motor  int at 80 V rated value  at 800 V rated value  at 875/8/00 V rated value  a		4
contact reliability of auxiliary contacts  ULCSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 480/480 V rated value • at 7.5 hp • at 575/600 V rated value • at 7.5 hp • at 575/600 V rated value • ontact rating of auxiliary contacts according to UL  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 9 for short-circuit protection of the auxiliary switch required  Installation/mounting/dimensions  mounting position  fastening method height vidth depth required spacing • with side-by-side mounting — forwards — backwards — downwards — at the side • for grounded parts — forwards — backwards — backwards — backwards — the side — downwards — the side — downwards — at the side — downwards — at the side — downwards — at the side — downwards — of mile parts	·	
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 480/480 V rated value • at 480/480 V rated value • at 575/600 V rated value • at 600 / Q600  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 • 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 ward and backward by 4-/ 22,5° on vertical mounting surface, can be tilted forward and backward by 4-/ 22,5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail  101 mm  90 mm  depth - forwards - backwards - backwards - downwards - formards - formards - backwards - backwards - backwards - backwards - backwards - backwards - cownwards - formards - for	<ul> <li>instantaneous contact</li> </ul>	2
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 800 V rated value vielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V rated value • at 800/480 V rated value • at 875/600 V rated value • at 575/600 V rated value • ot 575/600 V rated value • ot 575/600 V rated value • ot 575/600 V rated value • of 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 cossignment 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 forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and sane-non mounting onto 35 mm DIN rail forward and sane-non mounting onto 35 mm DIN rail for mm  ### depth	contact reliability of auxiliary contacts	< 1 error per 100 million operating cycles
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 800 V rated value vielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V rated value • at 800/480 V rated value • at 875/600 V rated value • at 575/600 V rated value • ot 575/600 V rated value • ot 575/600 V rated value • ot 575/600 V rated value • of 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 cossignment 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 forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and sane-non mounting onto 35 mm DIN rail forward and sane-non mounting onto 35 mm DIN rail for mm  ### depth	UL/CSA ratings	
at 480 V rated value at 600 V rated value 22 A yielded mechanical performance [hp] for 3-phase AC motor  at 220/230 V rated value at 460/480 V rated value 20 hp at 55/5600 V rated value 20 hp contact rating of auxillary contacts according to UL  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 for short-circuit protection of the auxiliary switch required  installation/mounting/dimensions  mounting position  fastening method height width depth required spacing  with side-by-side mounting  forwards - backwards - at the side of or grounded parts - forwards - backwards - at the side - backwards -		
at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor  at 220/230 V rated value at 657/800 V rated value at 575/800 V rated value 20 hp contact rating of auxiliary contacts according to UL  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  ### 100 mounting position  ### 100 mounting position  ### 100 mounting position  ### 100 mounting position  ### 100 mounting position 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 ## 25.5° on vertica		24.4
yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V rated value • at 460/480 V rated value • at 675/600 V rated value • ontact rating of auxiliary contacts according to UL.    Short-circuit protection		
motor  at 220/230 V rated value at 460/480 V rated value be at 575/600 V rated value contact rating of auxiliary contacts according to UL  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 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 width forward and backward by +/-22.5° 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 width forward and backward by +/-22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail width go mm depth with side-by-side mounting with side-by-side mounting with side-by-side mounting with side-by-side mounting forwards  upwards  do mm  do mm  downwards  do mm  forwards  formards  formards  formards  hackwards  o mm  downwards  do mm  downwards  do mm  do mm  do mm  do mm  downwards  do mm  do mm  downwards  do mm  do mm  downwards  do mm  do mm  downwards  do mm  downwards  do mm	<ul> <li>at 600 V rated value</li> </ul>	22 A
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link	yielded mechanical performance [hp] for 3-phase AC	
at 460/480 V rated value at 575/600 V rated value tontact rating of auxiliary contacts according to UL  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  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  ### Installation/ mounting/ dimensions  ### Install	motor	
at 460/480 V rated value at 575/600 V rated value tontact rating of auxiliary contacts according to UL  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  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  ### Installation/ mounting/ dimensions  ### Install	<ul><li>at 220/230 V rated value</li></ul>	7.5 hp
at 575/600 V rated value contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link  a for short-circuit protection of the main circuit  with type of coordination 1 required  a for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch fuse gG: 10 A  ### Hy-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  ### Hy-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  ### Hy-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 a	<ul> <li>at 460/480 V rated value</li> </ul>	
contact rating of auxiliary contacts according to UL  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  Installation/ mounting/ dimensions  mounting position  - fastening method - height - total mounting onto 35 mm DIN rail - total mounting o		
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  **H-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 height 101 mm width 90 mm depth required spacing  • with side-by-side mounting  — forwards — backwards — upwards — downwards — at the side — for grounded parts  — forwards — backwards — backwards — backwards — o mm  • for grounded parts — forwards — backwards — downwards — downwards — downwards — downwards — downwards — at the side — downwards — at the side — downwards — at the side — downwards • for live parts		A600 / Q600
• 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  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 height width depth 101 mm width depth required spacing  • with side-by-side mounting — forwards — backwards — downwards — at the side • for grounded parts — forwards — backwards — backwards — to forwards — backwards — of mm  • for grounded parts — forwards — backwards — at the side — downwards — for live parts	Short-circuit protection	
• 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  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 height width depth 101 mm width depth required spacing  • with side-by-side mounting — forwards — backwards — downwards — at the side • for grounded parts — forwards — backwards — backwards — to forwards — backwards — of mm  • for grounded parts — forwards — backwards — at the side — downwards — for live parts	design of the fuse link	
- with type of coordination 1 required - with type of assignment 2 required of short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing  • with side-by-side mounting - backwards - downwards - at the side • for grounded parts - forwards - backwards - at the side - downwards - for live parts		
- with type of assignment 2 required	·	ac NH 2NA DIAZED 500 NEOZED 500: 100 A
for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position		
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  fastening method height 101 mm width 90 mm depth 107 mm  required spacing  with side-by-side mounting - forwards - backwards - upwards - downwards - at the side for grounded parts - forwards - backwards - backwards - formards - backwards - backwards - backwards - backwards - backwards - formards - backwards - backwards - formards - backwards - downwards - downwards - downwards - formards - downwards - downwards - downwards - downwards - downwards - downwards - formards - at the side - downwards - formards - formards - formards - backwards - downwards - downwards - downwards - downwards - downwards - formards - downwards - formards - formar		
mounting position		fuse gG: 10 A
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 101 mm  width  depth  107 mm  required spacing  • with side-by-side mounting  — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — omm  • for grounded parts — forwards — backwards — forwards — for grounded parts — forwards — backwards — backwards — backwards — forwards — forwards — backwards — forwards — backwards — backwards — backwards — backwards — omm  • for grounded parts — forwards — backwards — backwards — backwards — backwards — omm  • for grounded parts — forwards — backwards — backwards — omm  • formards — backwards — omm  • formards — at the side — downwards • for live parts	<u> </u>	
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 101 mm  width  depth  107 mm  required spacing  • with side-by-side mounting  — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — omm  • for grounded parts — forwards — backwards — forwards — for grounded parts — forwards — backwards — backwards — backwards — forwards — forwards — backwards — forwards — backwards — backwards — backwards — backwards — omm  • for grounded parts — forwards — backwards — backwards — backwards — backwards — omm  • for grounded parts — forwards — backwards — backwards — omm  • formards — backwards — omm  • formards — at the side — downwards • for live parts	Installation/ mounting/ dimensions	
forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail height side to the side of t		+/-180° rotation possible on vertical mounting surface; can be tilted
fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — at the side — backwards — backwards — backwards — at the side — downwards — upwards — backwards — backwards — for grounded parts — for wards — backwards — at the side — downwards — backwards — forwards — backwards — forwards — backwards — backwards — backwards — the side — downwards — at the side — downwards — at the side — downwards — at the side — downwards • for live parts	anting position	forward and backward by +/- 22.5° on vertical mounting surface
height width 90 mm depth 107 mm required spacing  ● with side-by-side mounting — forwards — backwards — upwards — downwards — at the side ● for grounded parts — forwards — backwards — backwards — omm  ● for grounded parts — forwards — backwards — omm — upwards — at the side — downwards — at the side — downwards ● for live parts	fastening method	
width depth 107 mm  required spacing	_	
depth required spacing  ● with side-by-side mounting  — forwards — backwards — upwards — downwards — at the side — for grounded parts — forwards — backwards — backwards — of mm — at the side — hackwards — backwards — backwards — upwards — upwards — upwards — at the side — downwards — at the side — at the side — at the side — downwards — for live parts	_	
required spacing  with side-by-side mounting  — forwards — backwards — upwards — downwards — at the side — for grounded parts — forwards — backwards — backwards — upwards — at the side — of mm — upwards — backwards — of mm — upwards — at the side — downwards — for live parts		90 mm
<ul> <li>with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> <li>0 mm</li> <li>upwards</li> <li>6 mm</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>mm</li> <li>upwards</li> <li>at the side</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>formal</li> <li>mm</li> <li>formal</li> <li>mm</li> <li>for live parts</li> </ul>	depth	107 mm
<ul> <li>with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> <li>0 mm</li> <li>upwards</li> <li>6 mm</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>mm</li> <li>upwards</li> <li>at the side</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>formal</li> <li>mm</li> <li>formal</li> <li>mm</li> <li>for live parts</li> </ul>	required spacing	
<ul> <li>— forwards</li> <li>— backwards</li> <li>— upwards</li> <li>— downwards</li> <li>— at the side</li> <li>— for grounded parts</li> <li>— forwards</li> <li>— backwards</li> <li>— upwards</li> <li>— at the side</li> <li>— at the side</li> <li>— at the side</li> <li>— downwards</li> <li>● for live parts</li> </ul>		
— backwards       0 mm         — upwards       6 mm         — downwards       6 mm         — at the side       6 mm         • for grounded parts       6 mm         — backwards       0 mm         — upwards       6 mm         — at the side       6 mm         — downwards       6 mm         • for live parts		6 mm
— upwards       6 mm         — downwards       6 mm         — at the side       6 mm         • for grounded parts       6 mm         — backwards       0 mm         — upwards       6 mm         — at the side       6 mm         — downwards       6 mm         • for live parts       6 mm		
— downwards       6 mm         — at the side       6 mm         ● for grounded parts       6 mm         — backwards       0 mm         — upwards       6 mm         — at the side       6 mm         — downwards       6 mm         ● for live parts		
<ul> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> </ul>		
<ul> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> </ul>	— downwards	6 mm
— forwards       6 mm         — backwards       0 mm         — upwards       6 mm         — at the side       6 mm         — downwards       6 mm         ● for live parts	— at the side	6 mm
— forwards       6 mm         — backwards       0 mm         — upwards       6 mm         — at the side       6 mm         — downwards       6 mm         ● for live parts	<ul> <li>for grounded parts</li> </ul>	
<ul> <li>— backwards</li> <li>— upwards</li> <li>— at the side</li> <li>— downwards</li> <li>● for live parts</li> </ul> 0 mm 6 mm 6 mm		6 mm
<ul> <li>— upwards</li> <li>— at the side</li> <li>— downwards</li> <li>• for live parts</li> <li>6 mm</li> <li>6 mm</li> </ul>		
<ul> <li>— at the side</li> <li>— downwards</li> <li>• for live parts</li> </ul>		
<ul><li>— downwards</li><li>● for live parts</li></ul>		
• for live parts	— at the side	6 mm
	— downwards	6 mm
	for live parts	
101 Waldo		6 mm
	101114140	·

- backwards 0 mm 6 mm - upwards - downwards 6 mm - at the side 6 mm **Connections/ Terminals** type of electrical connection · for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • at contactor for auxiliary contacts Screw-type terminals

Screw-type terminals

• of magnet coil type of connectable conductor cross-sections

• for main contacts

- solid 2x (1 ... 2.5 mm²), 2x (2.5 ... 10 mm²) - solid or stranded 2x (1 ... 2.5 mm²), 2x (2.5 ... 10 mm²)

— finely stranded with core end processing 2x (1 ... 2.5 mm²), 2x (2.5 ... 6 mm²), 1x 10 mm²

• at AWG cables for main contacts 2x (16 ... 12), 2x (14 ... 8)

type of connectable conductor cross-sections

for auxiliary contacts

- solid or stranded 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) - finely stranded with core end processing

• at AWG cables for auxiliary contacts 2x (20 ... 16), 2x (18 ... 14)

Safety related data

B10 value with high demand rate according to SN 31920 1 000 000 proportion of dangerous failures • with low demand rate according to SN 31920

• with high demand rate according to SN 31920 75 % failure rate [FIT] with low demand rate according to SN 100 FIT

T1 value for proof test interval or service life according to

IEC 61508 protection class IP on the front according to IEC

touch protection on the front according to IEC 60529

40 %

20 y

IP20

finger-safe, for vertical contact from the front

product function bus communication Yes protocol is supported AS-Interface protocol No product function control circuit interface with IO link

No

Certificates/ approvals

**General Product Approval** 

**Declaration of Conformity** 



Confirmation









**Test Certificates** 

Marine / Shipping

**Special Test Certific-**











Marine / Shipping

other

Railway

**Dangerous Good** 



Confirmation

Vibration and Shock

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=3RA2326-8XB30-1BB4

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2326-8XB30-1BB4}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2326-8XB30-1BB4

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

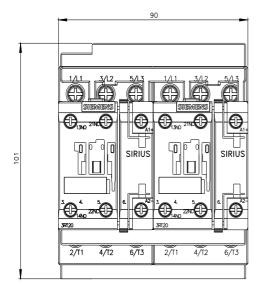
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2326-8XB30-1BB4&lang=en

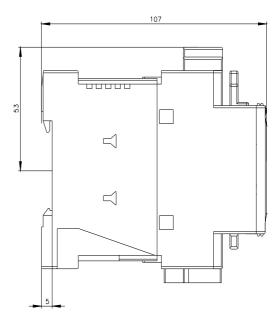
Characteristic: Tripping characteristics, I2t, Let-through current

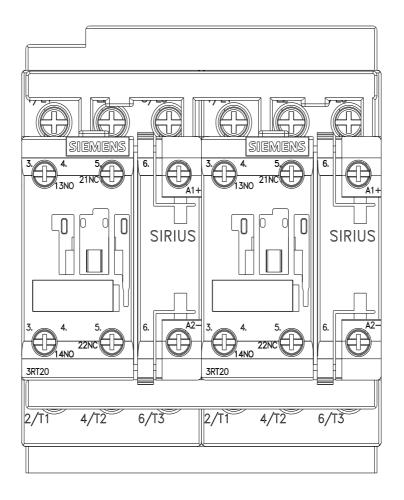
https://support.industry.siemens.com/cs/ww/en/ps/3RA2326-8XB30-1BB4/char

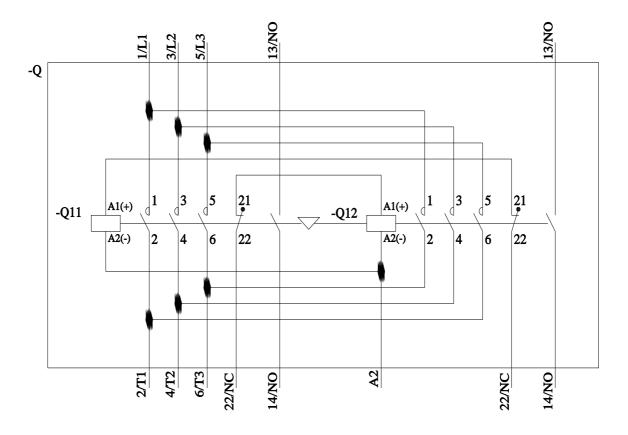
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2326-8XB30-1BB4&objecttype=14&gridview=view1









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