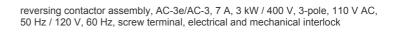
Data sheet

SIEMENS

3RA2315-8XB30-1AK6





product brand name	SINIOS	
product designation	Reversing contactor assembly	
product type designation	3RA23	
manufacturer's article number		
• 1 of the supplied contactor	3RT2015-1AK62	
• 2 of the supplied contactor	3RT2015-1AK62	
 of the supplied RH assembly kit 	3RA2913-2AA1	
General technical data		
size of contactor	S00	
product extension auxiliary switch	Yes	
shock resistance at rectangular impulse		
• at AC	6,7g / 5 ms, 4,2g / 10 ms	
• at DC	6,7g / 5 ms, 4,2g / 10 ms	
shock resistance with sine pulse		
• at AC	10,5g / 5 ms, 6,6g / 10 ms	
• at DC	10,5g / 5 ms, 6,6g / 10 ms	
mechanical service life (operating cycles)		
of contactor typical	10 000 000	
• of the contactor with added auxiliary switch block typical	10 000 000	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	10/01/2009	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		
 during operation 	-25 +60 °C	
during storage	-55 +80 °C	
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		
 at AC-3 rated value maximum 	690 V	
at AC-3e rated value maximum	690 V	
operational current		
• at AC-3		
— at 400 V rated value	7 A	
— at 500 V rated value	6 A	
— at 690 V rated value	4.9 A	
• at AC-3e		
— at 400 V rated value	7 A	

SIRIUS

type of voltage of the control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value at 60 Hz rated value poperating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz at 50 Hz at 60 Hz at 6		
	— at 500 V rated value	6 A
* at AC-3	— at 690 V rated value	4.9 A
at 400 V rated value at 600 V rated value will bye of coordination 1 required will bye of coo		
at 390 V rated value	— at 400 V rated value	
# alt AG-34e	— at 500 V rated value	3 kW
al 400 Y raled value	— at 690 V rated value	4 kW
	• at AC-3e	
• at AC-4 at 400 V raled value operating frequency • at AC-3 amaximum • at AC-3 emaximum Voltage of the control supply voltage Control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 50 Hz • at 5	— at 400 V rated value	3 kW
e al AC-3 maximum	— at 690 V rated value	4 kW
AC-3 maximum	at AC-4 at 400 V rated value	3 kW
A AC-3e maximum 750 fth	operating frequency	
Control circuit/ Control type of voltage of the control supply voltage at 50 Hz rated value at 60 Hz rated value poperating range factor control supply voltage rated value of magnet coil at AC at 60 Hz rated value poperating range factor control supply voltage rated value of magnet coil at AC at 60 Hz be at 60 Hz apparent pick-up power of magnet coil at AC at 50 Hz apparent bloiding power of magnet coil at AC at 50 Hz apparent bloiding power of magnet coil at AC at 50 Hz apparent bloiding power of magnet coil at AC at 50 Hz apparent bloiding power of magnet coil at AC at 50 Hz apparent bloiding power of magnet coil at AC at 50 Hz apparent bloiding power of magnet coil at AC at 50 Hz Authriary circuit contact reliability of auxiliary contacts contact reliability of auxiliary contacts 4 terror per 100 million operating cycles ULGSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 576600 V rated value at 157600 V rated value a	• at AC-3 maximum	750 1/h
type of voltage of the control supply voltage 1 at AC		750 1/h
control supply voltage 1 at AC a it 60 Hz rated value at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC a it 50 Hz a at 60 Hz a 60 Hz rated value a 150 Hz a 60 Hz a 150 Hz a 60 Hz a 150 Hz apparent pick-up power of magnet coil at AC a it 50 Hz apparent pick-up power factor with closing power of the coil a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz apparent holding power of magnet coil at AC a it 50 Hz a paparent holding power of magnet coil at AC a it 50 Hz a paparent holding power of magnet coil at AC a it 50 Hz a paparent holding power of magnet coil at AC a it 50 Hz a paparent holding power of magnet coil at AC a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with the holding power of the coil a it 50 Hz b inductive power factor with help inductive power factor with help inductive power fact	Control circuit/ Control	
• at 50 Hz rated value • at 60 Hz rated value 7 to 60 Hz rated value 60 magnet coil at AC • at 60 Hz paparent pick-up power of magnet coil at AC • at 60 Hz • at 60 Hz apparent pick-up power of magnet coil at AC • at 60 Hz at	type of voltage of the control supply voltage	AC
• at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC	control supply voltage 1 at AC	
operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 50 Hz • at 50 Hz • at 50 Hz 27 VA inductive power factor with closing power of the coil • at 50 Hz 0.8 apparent plck-up power of magnet coil at AC • at 50 Hz 0.8 apparent holding power of magnet coil at AC • at 50 Hz 0.8 apparent holding power of magnet coil at AC • at 50 Hz 0.8 apparent holding power of magnet coil at AC • at 50 Hz 0.25 Auxiliary circuit contact reliability of auxiliary contacts 0.25 Auxiliary circuit contact reliability of auxiliary contacts • at 600 V rated value • at 6000 V rated value • at 60	• at 50 Hz rated value	110 V
magnet coil at AC 0.811 • at 60 Hz 0.81.1 • at 60 Hz 0.851.1 apparent pick-up power of magnet coil at AC 27 VA • at 60 Hz 0.8 apparent holding power of magnet coil at AC 4.2 VA • at 50 Hz 4.2 VA inductive power factor with the holding power of the coil 6.50 Hz • at 50 Hz 0.25 Auxiliary circuit 0.25 contact reliability of auxiliary contacts 1 error per 100 million operating cycles UCSA ratings 5 full-load current (FLA) for 3-phase AC motor 4.8 A • at 460 V rated value 4.8 A • at 2002/28 V rated value 5.1 hp • at 2002/28 V rated value 2.5 hp • at 2002/28 V rated value 3.5 hp • at 575/600 V rated value 5.5 hp • at 575/600 V rated value 6.6 H • at 575/600 V rated value 6.7 h • at 575/600 V rated value 6.7 h • for short-circuit protection of the main circuit 6 NH SNA, DIAZED SSB, NEOZED SSE: 35 A • for short-circuit protection of the main c	at 60 Hz rated value	120 V
apparent pick-up power of magnet coil at AC at 50 Hz 50 bt 2 5		
apparent pick-up power of magnet coil at AC at 50 Hz apparent holding power factor with closing power of the coil at 50 Hz apparent holding power of magnet coil at AC at 50 Hz by a to 50 Hz contact reliability of auxiliary contacts contact reliability of auxiliary contacts bull/CSA ratings full-load current (FLA) for 3-phase AC motor at 600 V rated value at 600 V rated value at 600 V rated value at 220/230 V rated value at 220/230 V rated value at 220/230 V rated value at 46/480 V v rated value at 46/480 V rated value at 66/5600 V rated value bull CSA ratings for in the function 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 fastening method fastening method fastening method fastening method fastening method with side-by-side mounting with side-by-side mounting - forwards - backwards fam method fam method fam method fam method fam method formards - backwards fam method fam m	• at 50 Hz	0.8 1.1
inductive power factor with closing power of the coil at 50 Hz apparent holding power of magnet coil at AC at 50 Hz but 50 Hz at 50 Hz but 60 Hz but 70 Hz but 80 Hz b	• at 60 Hz	0.85 1.1
inductive power factor with closing power of the coil at 50 Hz apparent holding power of magnet coil at AC at 50 Hz at 50 Hz 4.2 VA inductive power factor with the holding power of the coil at 50 Hz contact reliability of auxiliary contacts contact reliability of auxiliary contacts UJCSSA retings full-load current (FLA) for 3-phase AC motor at 600 V rated value at 600 V rated value at 600 V rated value at 480/280 V rated value at 480/480 V rated value but 480/58 V rated value at 480/480 V rated value at 575/800 V rated value at 480/480 V rated value but 575/800 V rated value at 480/480 V rated value but 675/5800 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link of or short-circuit protection of the main circuit with type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch required full type of coordination 1 required of short-circuit protection of the auxiliary switch r	apparent pick-up power of magnet coil at AC	
apparent holding power of magnet coil at AC a at 50 Hz at 50 Hz at 50 Hz bulliary circuit contact reliability of auxiliary contacts **Contact reliability of auxiliary contacts **LOCSA ratings **Full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value bulliary colled mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value bulliary colled value at 460/480 V rated value bulliary contacts according to UL bulliary contacts according	• at 50 Hz	27 VA
apparent holding power of magnet coil at AC at 150 Hz inductive power factor with the holding power of the coil at 50 Hz ontact 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 200/208 V rated value at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value be at 220/230 V rated value at 460/480 V rated value 5 hp at 575/600 V rated value 5 hp at 575/600 V rated value 5 hp at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL 8000 V good Short-circuit protection design of the fuse link for short-circuit protection of the main circuit — with type of coordination 1 required of for short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required fuse gG: 10 A Installation/ mounting/ dimensions mounting position fastening method feepth 73 mm required spacing with side-by-side mounting out 25 cm forwards 6 mm out mm out in 50 Hz 4.2 VA 4.8 A 4.4 8.A 4.8 A 4.	inductive power factor with closing power of the coil	
eat 50 Hz data to Hz 0.25	• at 50 Hz	0.8
inductive power factor with the holding power of the coil at 350 Hz Auxillary circuit Contact reliability of auxiliary contacts IU/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 200/208 V rated value at 200/208 V rated value at 480 V rated value at 575/600 V rated value at 575/600 V rated value bit of rishort-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 auxil	apparent holding power of magnet coil at AC	
■ at 50 Hz Auxiliary circuit Contact reliability of auxiliary contacts VICSA ratings 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 200/208 V rated value ■ at 200/208 V rated value ■ at 200/208 V rated value ■ at 460/480 V rated value ■ at 575/600 V rated value ■ at 575/600 V rated value ○ at 600 V rated value ■ at 575/600 V rated value ○ at 200/208 V rated value ○ at 200/208 V rated value ○ at 600 V rated value ○ at 75/600 V rated value ○ at 875/600 V rated value	• at 50 Hz	4.2 VA
Auxiliary circuit contact reliability of auxiliary contacts UCSA ratings full-load current (FLA) for 3-phase AC motor	inductive power factor with the holding power of the coil	
contact reliability of auxiliary contacts VL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 400/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600/480 V rated value • at 575/600 V rated value • at 600/480 V rated value • at 600/480 V rated value • at 600/480 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 • 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 */-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; fastening method height • 68 mm width • 90 mm required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm	• at 50 Hz	0.25
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 220/230 V rated value • at 480 V 8 rated value • at 460 V rated value • 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 • for short-circuit protection of the main circuit — with type of coordination 1 required • with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the main circuit • 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 t	Auxiliary circuit	
full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 4.8 A 5.1 A yielded mechanical performance [hp] for 3-phase AC motor at 220/208 V rated value 1.5 hp at 220/230 V rated value 2 hp at 460/480 V rated value 3 hp at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL 8600 / Q600 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 main circuit ### CF UNIT PROVIDED SSB, NEOZED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A ### CF UNIT PROVIDED SSB, NEOZED SSE: 35 A	contact reliability of auxiliary contacts	< 1 error per 100 million operating cycles
at 480 V rated value at 600 V rated value bielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 220/230 V rated value at 575/600 V rated value bielded received by a stated value at 575/600 V rated value bielded by a stated value bielded by a state	UL/CSA ratings	
at 800 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value bat 575/600 V rated value at 575/600 V rated value bat 575/600 V rated value at 575/600 V rated value bat 575/600 V rated value at 575/600 V rated value bat 4600 / Q600 Bat 575/600 V rated value bat 4600 / Q600 Bat 575/600 V rated value bat 4600 / Q600 Bat 575/600 V rated value bat 4600 / Q600 Bat 575/600 V rated value bat 4600 / Q600 Bat 575/600 V rated value bat 4600 / Q600	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 675/600 V rated value • at 675/600 V rated value • backwards • at 575/600 V rated value • at 675/600 V rated value • backwards • for 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 #/-180° rotation possible on vertical mounting surface; can be titted forward and backward by +/- 22.5° on vertical mounting surface fastening method height • 8mm width 90 mm depth 73 mm required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm 0 mm	• at 480 V rated value	4.8 A
at 220/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value bat 575/600 V rated value at 575/600 V rated value bat 675/600 V rated value contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link of or short-circuit protection of the main circuit with type of coordination 1 required of ShH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A of or short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and ba	at 600 V rated value	6.1 A
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value bat 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / 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 assignment 2 required for short-circuit protection of the auxiliary switch required for short-circuit protection 10 AlozzeD 5SB, NEOZED 5SE: 35 A Ge NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A For Short-circuit protection of the auxiliary switch required for short-circuit protection of the auxil	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value at 575/600 V rated value 5 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 for short-circuit protection of the auxiliary switch required fastellation/ mounting/ dimensions mounting position #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on were and snap-on mounting onto 35 mm DIN rail height width go mm required spacing with side-by-side mounting — forwards — backwards 6 mm 0 mm	• at 200/208 V rated value	1.5 hp
at 575/600 V rated value contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit — with type of coordination 1 required	• at 220/230 V rated value	2 hp
contact rating of auxiliary contacts according to UL A600 / Q600 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 Installation/ mounting/ dimensions #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards ##- A600 / Q600 A60	• at 460/480 V rated value	3 hp
design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A — with type of assignment 2 required gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 20 A • for short-circuit protection of the auxiliary switch required fuse gG: 10 A Installation/ mounting/ dimensions mounting position	• at 575/600 V rated value	5 hp
design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A — with type of assignment 2 required gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 20 A • for short-circuit protection of the auxiliary switch required fuse gG: 10 A Installation/ mounting/ dimensions mounting position	contact rating of auxiliary contacts according to UL	A600 / Q600
• for short-circuit protection of the main circuit — with type of coordination 1 required	Short-circuit protection	
— with type of coordination 1 required — with type of assignment 2 required gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A • 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 fastening method screw and snap-on mounting onto 35 mm DIN rail height 68 mm width 90 mm required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm	design of the fuse link	
— 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 ##-180° 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 onto 35 mm DIN rail ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; ##-180° rotation possible on vertical mounting surface; ##-180° rotation po	• for short-circuit protection of the main circuit	
— 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 ##-180° 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 onto 35 mm DIN rail ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; ##-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; ##-180° rotation possible on vertical mounting surface; ##-180° rotation po	 — with type of coordination 1 required 	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
for short-circuit protection of the auxiliary switch required fuse gG: 10 A Installation/ mounting/ dimensions mounting position		
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 DIN rail 68 mm width 90 mm depth 73 mm required spacing ● with side-by-side mounting — forwards — backwards 6 mm 0 mm	Installation/ mounting/ dimensions	
fastening method screw and snap-on mounting onto 35 mm DIN rail height 68 mm width 90 mm depth 73 mm required spacing with side-by-side mounting forwards backwards 6 mm 0 mm backwards 0 mm		
height width 90 mm depth 73 mm required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm		
width 90 mm depth 73 mm required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm		
depth 73 mm required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm		
required spacing • with side-by-side mounting — forwards — backwards 6 mm 0 mm		
 with side-by-side mounting forwards backwards 6 mm 0 mm 	<u> </u>	73 mm
forwardsbackwards6 mm0 mm		
— backwards 0 mm	-	
	— forwards	C was ma
— upwards 6 mm		6 IIIII
		0 mm

— downwards	6 mm	
— at the side	6 mm	
 for grounded parts 		
— forwards	6 mm	
— backwards	0 mm	
— upwards	6 mm	
— at the side	6 mm	
— downwards	6 mm	
for live parts		
— forwards	6 mm	
— backwards	0 mm	
— upwards	6 mm	
— 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	
of magnet coil	Screw-type terminals	
type of connectable conductor cross-sections for main contacts		
• solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²	
 solid or stranded 	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x (0,5 4 mm²)	
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
type of connectable conductor cross-sections		
 for auxiliary contacts 		
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)	
Safety related data		
product function suitable for safety function	Yes	
Electrical Safety		
protection class IP on the front according to IEC 60529	IP20	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front	
Communication/ Protocol		
product function bus communication	Yes	
protocol is supported AS-Interface protocol	No	
product function control circuit interface with IO link	No	

General Product Approval



Approvals Certificates





Confirmation





Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









Marine / Shipping

other

Railway

Environment





Confirmation

Special Test Certificate

Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2315-8XB30-1AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2315-8XB30-1AK6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2315-8XB30-1AK6

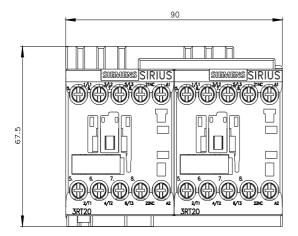
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2315-8XB30-1AK6&lang=en

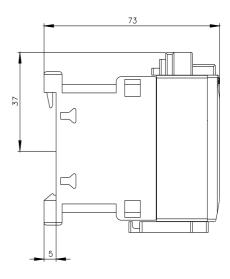
Characteristic: Tripping characteristics, I2t, Let-through current

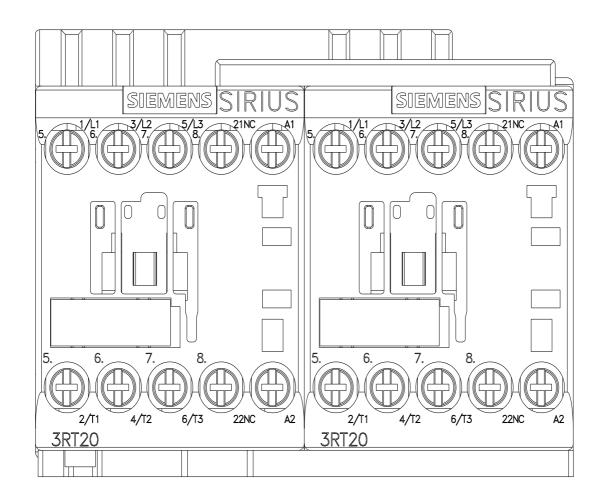
https://support.industry.siemens.com/cs/ww/en/ps/3RA2315-8XB30-1AK6/char

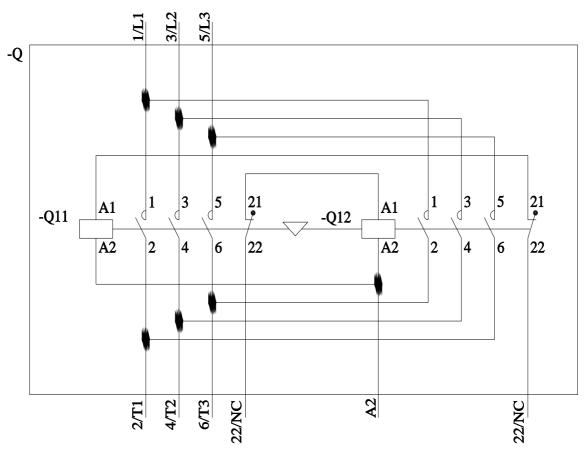
Further characteristics (e.g. electrical endurance, switching frequency)

, 3RA2315-8XB30-1AK6&objecttype=14&gridview=view1









last modified: 7/9/2024 🖸