SIEMENS

Data sheet

3RA2336-8XB30-1KB4



reversing contactor assembly, AC-3e/AC-3, 51 A, 22 kW / 400 V, 3-pole, 24 V DC, 0.7-1.25* Us, with varistor plugged on, screw terminal, electrical and mechanical interlock, auxiliary contacts: 2 x 1 NO

product transl name		
product type designation 3RA23		
manufacturer's article number 1 of the supplied contactor 3RT2036-IKB40 e 2 of the supplied contactor 3RT2036-IKB40 e of the supplied RS assembly kit 3RA2933-2AA1 General technical data size of contactor size of contactor \$2 product extension auxiliary switch Yes shock resistance at rectangular impulse 4 tDC at DC 12g / 5 ms, 7g / 10 ms mechanical service life (operating cycles) 0 contactor typical of the contactor with added auxiliary switch block typical 10 000 000 of eronace code according to IEC 81346-2 Q Quistance Prohibitance (Date) 100/1/2014 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature 0 during operation -25 +60 °C during operation -25 +60 °C during operation of poles for main current circuit 3 number of NO contacts for main contacts 3 number of NO contacts for main contacts 0 operational current 4 at AC-3 rated value maximum 690 V of AC-3 rated value	product designation	
		3RA23
	manufacturer's article number	
of the supplied RS assembly kit General technical data size of contactor product extension auxiliary switch ves shock resistance at rectangular impulse at DC 7.7g / 5 ms, 4.5g / 10 ms shock resistance with sine pulse at DC 12g / 5 ms, 7g / 10 ms mechanical service life (operating cycles) of contactor typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Qu Substance Prohibitance (Date) installation altitude at height above sea level maximum ambient temperature outring operation outring storage during operation during storage Assembly a sea of the contacts for main current circuit number of NO contacts for main current circuit number of NO contacts for main contacts operating voltage at AC-3 rated value maximum eat AC-3 rated value maxim	 1 of the supplied contactor 	3RT2036-1KB40
Size of contactor \$2 product extension auxiliary switch Yes shock resistance at rectangular impulse	 2 of the supplied contactor 	3RT2036-1KB40
size of contactor \$2 product extension auxiliary switch Yes shock resistance at rectangular impulse • at DC	 of the supplied RS assembly kit 	3RA2933-2AA1
product extension auxiliary switch shock resistance at rectangular impulse • at DC 12g / 5 ms, 7g / 10 ms mechanical service life (operating cycles) • of contactor typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during storage Alain circuit number of poles for main current circuit number of NC contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • at AC-3 — at 400 V rated value • 51 A — at 500 V rated value • 51 A	General technical data	
shock resistance at rectangular impulse	size of contactor	S2
• at DC shock resistance with sine pulse • at DC 12g / 5 ms, 7g / 10 ms mechanical service life (operating cycles) • of contactor typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary s	product extension auxiliary switch	Yes
shock resistance with sine pulse at DC mechanical service life (operating cycles) of contactor typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature of during operation during storage -25 +60 °C during storage -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts operating voltage at AC-3 rated value maximum et at AC-3 rated value maximum operational current • at AC-3 — at 400 V rated value — at 500 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e	shock resistance at rectangular impulse	
• at DC mechanical service life (operating cycles) • of contactor typical • of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage -25 +60 °C • during storage -25 +80 °C Main circuit number of Poles for main current circuit number of NC contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3 — at 400 V rated value — at 690 V rated value - at 690 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 500 V rated value • 51 A — at 500 V rated value 51 A	• at DC	7.7g / 5 ms, 4.5g / 10 ms
mechanical service life (operating cycles) • of contactor typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) In/01/2014 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage -25 +60 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3 number of NC contacts for main contacts 0 operating voltage • at AC-3 rated value maximum • at AC-3 rated value maximum • at AC-3 — at 400 V rated value — at 690 V vated value — at 690 V vated value — at 690 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • 51 A • at AC-3e — at 400 V rated value • 51 A • at AC-3e — at 400 V rated value • 51 A • at AC-3e — at 400 V rated value • 51 A	shock resistance with sine pulse	
of contactor typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Involve Invo	• at DC	12g / 5 ms, 7g / 10 ms
• of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage -25 +60 °C • during storage -25 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3 rated value maximum • at AC-3 — at 400 V rated value - at 500 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A	mechanical service life (operating cycles)	
reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2014 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature	 of contactor typical 	10 000 000
Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage -25 +60 °C • during storage -55 +80 °C Main circuit number of poles for main current circuit number of NC contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum • at AC-3 — at 400 V rated value • at AC-3e — at 690 V rated value 51 A — at 690 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • 51 A	 of the contactor with added auxiliary switch block typical 	10 000 000
Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage -25 +60 °C during storage -25 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts operating voltage at AC-3 rated value maximum eat AC-3e rated value maximum operational current at AC-3 -at 400 V rated value -at 500 V rated value -at 690 V rated v	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum ambient temperature • during operation • during storage -25 +60 °C -55 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts 3 number of NC contacts for main contacts 0 operating voltage • at AC-3 rated value maximum • at AC-3e rated value maximum • at AC-3 — at 400 V rated value — at 690 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • 51 A — at 500 V rated value • 51 A — at 500 V rated value • 51 A — at 500 V rated value • 51 A	Substance Prohibitance (Date)	10/01/2014
ambient temperature • during operation • during storage -25 +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 51 A — at 500 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A	Ambient conditions	
 during operation during storage -25 +80 °C Main circuit number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts operating voltage at AC-3 rated value maximum at AC-3e rated value maximum operational current at AC-3 at AC-3 at AC-3 at 400 V rated value at AC-3e at 690 V rated value at AC-3e at AC-3e	installation altitude at height above sea level maximum	2 000 m
olduring 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	ambient temperature	
Main circuit number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3e rated value maximum • at AC-3 — at 400 V rated value — at 500 V rated value • at AC-3e — at 400 V rated value 51 A — at 690 V rated value 51 A • at AC-3e — at 400 V rated value 51 A - at 500 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 400 V rated value 51 A • at AC-3e — at 500 V rated value 51 A	during operation	-25 +60 °C
number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3e rated value maximum • at AC-3 — at 400 V rated value — at 500 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 400 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • 51 A • at 500 V rated value 51 A	during storage	-55 +80 °C
number of NO contacts for main contacts number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3e rated value maximum • at AC-3 — at 400 V rated value — at 500 V rated value • at AC-3e — at 400 V rated value — at 690 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value • at AC-3e	Main circuit	
number of NC contacts for main contacts operating voltage • at AC-3 rated value maximum • at AC-3e rated value maximum operational current • at AC-3 — at 400 V rated value — at 500 V rated value — at 690 V rated value • at AC-3e — at 400 V rated value — at 690 V rated value • at AC-3e — at 500 V rated value • at AC-3e — at 500 V rated value 51 A • at AC-3e — at 500 V rated value 51 A	number of poles for main current circuit	3
operating voltage • at AC-3 rated value maximum • at AC-3e rated value maximum 690 V operational current • at AC-3 — at 400 V rated value — at 500 V rated value 51 A — at 690 V rated value • at AC-3e — at 400 V rated value 51 A - at 500 V rated value 51 A • at AC-3e — at 400 V rated value 51 A	number of NO contacts for main contacts	3
 at AC-3 rated value maximum at AC-3e rated value maximum 690 V operational current at AC-3 at 400 V rated value at 500 V rated value at 690 V rated value at AC-3e at AC-3e at 400 V rated value at AC-3e at 400 V rated value 51 A at 500 V rated value 51 A at 500 V rated value 51 A 	number of NC contacts for main contacts	0
● at AC-3e rated value maximum Operational current ● at AC-3 — at 400 V rated value — at 500 V rated value — at 690 V rated value ● at AC-3e — at 400 V rated value 51 A ● at AC-3e — at 400 V rated value 51 A — at 500 V rated value 51 A	operating voltage	
operational current	 at AC-3 rated value maximum 	690 V
 at AC-3 at 400 V rated value at 500 V rated value at 690 V rated value at AC-3e at 400 V rated value at 51 A at 400 V rated value at 51 A at 500 V rated value 51 A 	at AC-3e rated value maximum	690 V
 — at 400 V rated value — at 500 V rated value — at 690 V rated value • at AC-3e — at 400 V rated value — at 500 V rated value 51 A — at 500 V rated value 51 A 	operational current	
 — at 500 V rated value — at 690 V rated value • at AC-3e — at 400 V rated value — at 500 V rated value 51 A — at 500 V rated value 	• at AC-3	
 — at 690 V rated value ● at AC-3e — at 400 V rated value — at 500 V rated value 51 A 51 A 	— at 400 V rated value	51 A
 at AC-3e — at 400 V rated value — at 500 V rated value 51 A 51 A 	— at 500 V rated value	51 A
 at 400 V rated value at 500 V rated value 51 A 	— at 690 V rated value	24 A
— at 500 V rated value 51 A	• at AC-3e	
	— at 400 V rated value	51 A
— at 690 V rated value 24 A	— at 500 V rated value	51 A
	— at 690 V rated value	24 A

operating power	
• at AC-3	
— at 400 V rated value	22 kW
— at 500 V rated value	30 kW
— at 690 V rated value	22 kW
• at AC-3e	
— at 400 V rated value	22 kW
— at 690 V rated value	22 kW
at AC-4 at 400 V rated value	22 kW
operating frequency	
• at AC-3 maximum	800 1/h
• at AC-3e maximum	800 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage 1	
at DC rated value	24 V
design of the surge suppressor	with varistor
closing power of magnet coil at DC	21.5 W
holding power of magnet coil at DC	1 W
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
• per direction of rotation	0
number of NO contacts for auxiliary contacts	
per direction of rotation	1
instantaneous contact	2
contact reliability of auxiliary contacts	< 1 error per 100 million operating cycles
UL/CSA ratings	. Sharper recommended and special stage of the second stage of the
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	52 A
at 600 V rated value	52 A
yielded mechanical performance [hp] for 3-phase AC motor	OL / I
at 220/230 V rated value	15 hp
• at 460/480 V rated value	40 hp
• at 575/600 V rated value	50 hp
	30 Hp
	A600 / O600
contact rating of auxiliary contacts according to UL	A600 / Q600
contact rating of auxiliary contacts according to UL Short-circuit protection	A600 / Q600
contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link	A600 / Q600
contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit	
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	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A
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	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A
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	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A
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 Installation/ mounting/ dimensions	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A
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	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-180° rotation possible on vertical mounting surface; can be tilted forward and
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 Installation/ mounting/ dimensions mounting position	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
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 Installation/ mounting/ dimensions mounting position fastening method	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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
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 Installation/ mounting/ dimensions mounting position fastening method height	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm 10 mm 0 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm 10 mm 0 mm 10 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — downwards — at the side	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm 10 mm 0 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm 10 mm 10 mm 10 mm 10 mm
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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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — backwards — backwards — others according to UL Short-circuit protection of the main circuit — with equired • for grounded parts — forwards — backwards — backwards — upwards	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
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 Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — backwards — backwards — backwards — backwards	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A fuse gG: 10 A +/-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 141 mm 120 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm

• for live parts	
— forwards	10 mm
— backwards	0 mm
— upwards	10 mm
— downwards	10 mm
— at the side	10 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 (1 35 mm²), 1x (1 50 mm²)
 solid or stranded 	2x (1 35 mm²), 1x (1 50 mm²)
finely stranded with core end processing	2x (1 25 mm²), 1x (1 35 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	
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 	40 %
with high demand rate according to SN 31920	73 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
T1 value for proof test interval or service life according to IEC 61508	20 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
product function bus communication	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



Marine / Shipping





Confirmation









other

Confirmation

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2336-8XB30-1KB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2336-8XB30-1KB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2336-8X

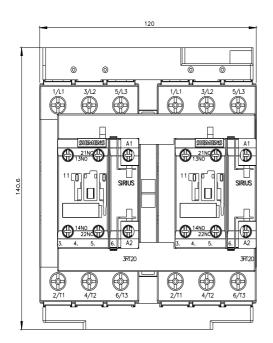
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

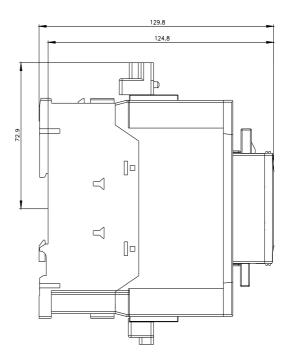
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2336-8XB30-1KB4&lang=en

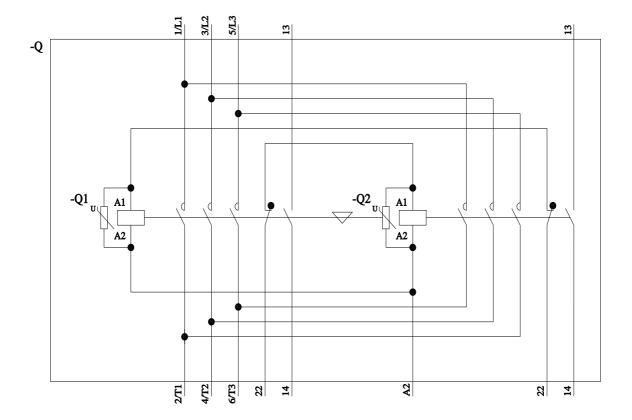
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2336-8XB30-1KB4/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2336-8XB30-1KB4&objecttype=14&gridview=view1







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