SIEMENS

Data sheet

3RA2326-8XB30-2AL2



reversing contactor assembly, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 230 V AC, 50/60 Hz, spring-loaded terminal, electrical and mechanical interlock, auxiliary contacts: $2 \times 1 \text{ NO}$

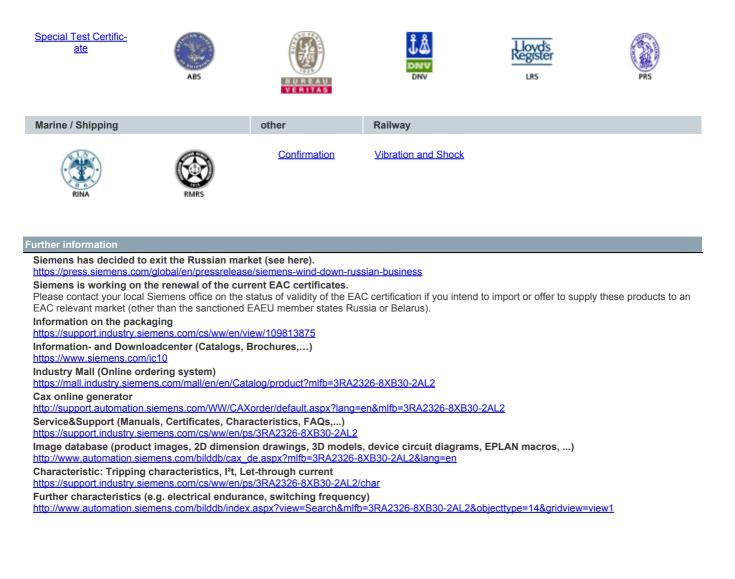
product brand name SIRUS product bye designation Reversing contactor assembly product type designation 3RA23 manufacturer's article number 3RT2026-2AL20 • 1 of the supplied contactor 3RT2026-2AL20 • 2 of the supplied contactor 3RT2026-2AL20 • of the supplied contactor 3RT2026-2AL20 • of the supplied contactor S0 product extension auxiliary switch Yes size of contactor S0 product extension auxiliary switch Yes shock resistance at rectangular impulse • it AC • it AC 10g / 5 ms, 7.5g / 10 ms • at DC 10g / 5 ms, 7.5g / 10 ms • at DC 15g / 5 ms, 10g / 10 ms • at DC 15g / 5 ms, 10g / 10 ms • at DC 15g / 5 ms, 10g / 10 ms • at DC 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 of the contactor with added auxiliary switch block t	10-70 10-70		
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• during storage -55 +80 °C Main circuit 3 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 • at AC-3 - • at AC-3 - • at AC-3 - • at AC-3 - • at AC-3 25 A	ambient temperature		
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operational current • at AC-3 at 400 V rated value 25 A	 at AC-3 rated value maximum 	690 V	
at AC-3 — at 400 V rated value 25 A	 at AC-3e rated value maximum 	690 V	
- at 400 V rated value 25 A	operational current		
	• at AC-3		
at 500 V rated value	— at 400 V rated value	25 A	
- at 500 v fateu value TO A	— at 500 V rated value	18 A	
- at 690 V rated value 13 A	— at 690 V rated value	13 A	
• at AC-3e	• at AC-3e		
- at 400 V rated value 25 A	at 100 V rated value	25 A	

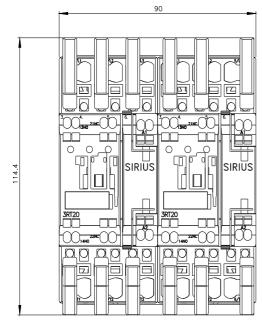
— at 500 V rated value	18 A
— at 690 V rated value	13 A
operating power	
• at AC-3	
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 400 V rated value	11 kW
— at 690 V rated value	11 kW
at AC-4 at 400 V rated value	7.5 kW
operating frequency	7.0 KW
• at AC-3 maximum	750 1/h
at AC-3e maximum	750 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage 1 at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
operating range factor control supply voltage rated value of	
magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	77 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.82
apparent holding power of magnet coil at AC	
• at 50 Hz	9.8 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.27
Auxiliary circuit	
Auxiliary circuit number of NO contacts for auxiliary contacts	
	1
number of NO contacts for auxiliary contacts	1 2
number of NO contacts for auxiliary contacts per direction of rotation 	
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact 	2
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings	2
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor 	2 < 1 error per 100 million operating cycles
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings	2
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 	2 <1 error per 100 million operating cycles 21 A
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA 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 yielded mechanical performance [hp] for 3-phase AC motor	2 < 1 error per 100 million operating cycles 21 A 22 A
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value 	2 <1 error per 100 million operating cycles 21 A 22 A 7.5 hp
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 460/480 V rated value 	2 <1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value 	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor 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 	2 <1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor 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	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp
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number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 460/480 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 	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp A600 / Q600
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor 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 	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp A600 / Q600 gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 100 A
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA 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 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 	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp A600 / Q600
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA 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 yielded mechanical performance [hp] for 3-phase AC motor 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 assignment 2 required for short-circuit protection of the auxiliary switch required 	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp A600 / Q600 gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 100 A
number of NO contacts for auxiliary contacts per direction of rotation instantaneous contact contact reliability of auxiliary contacts UL/CSA 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 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 	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp 15 hp 20 hp A600 / Q600 gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 100 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
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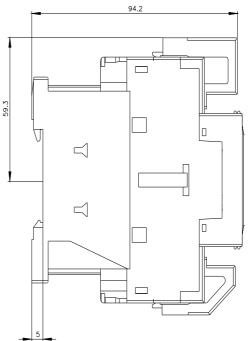
— backwards	0 mm
— upwards	6 mm
— downwards	6 mm
— at the side	6 mm
 for grounded parts 	
— forwards	6 mm
— backwards	0 mm
— upwards	6 mm
— at the side	6 mm
— downwards	6 mm
• for live parts	
— forwards	6 mm
— backwards	0 mm
— upwards	6 mm
— downwards	6 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	spring-loaded terminals
for auxiliary and control circuit	spring-loaded terminals
at contactor for auxiliary contacts	Spring-type terminals
of magnet coil	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
solid	2x (1 10 mm²)
solid solid or stranded	2x (1 10 mm²)
 finely stranded with core end processing 	2x (1 6 mm ²)
 finely stranded with core end processing finely stranded without core end processing 	2x (1 6 mm ²)
	2X(1011111)
type of connectable conductor cross-sections	
for auxiliary contacts colid or atranded	$2v (0.5 - 2.5 mm^2)$
— solid or stranded	2x (0.5 2.5 mm ²)
 finely stranded with core end processing 	2x (0.5 1.5 mm ²)
- finely stranded without core end processing	2x (0.5 1.5 mm ²)
for AWG cables for auxiliary contacts	2x (20 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	75 %
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

Test Certificates

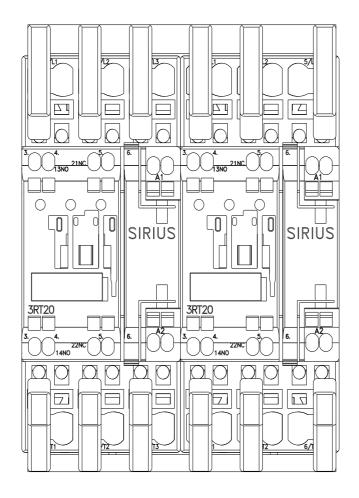
Marine / Shipping

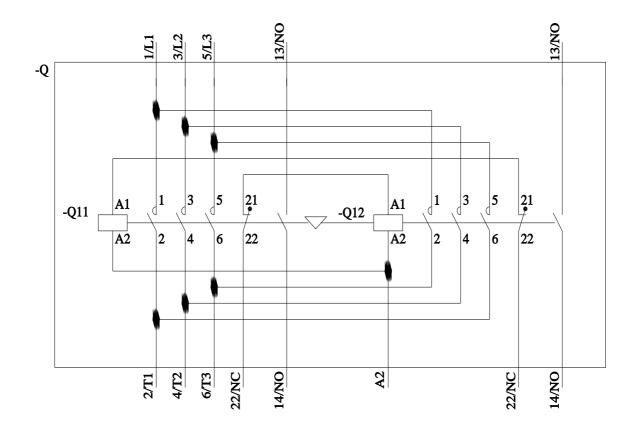






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