## SIEMENS

## Data sheet

## 3RA2326-8XB30-2AG2



reversing contactor assembly, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 110 V AC, 50/60 Hz, spring-loaded terminal, electrical and mechanical interlock, auxiliary contacts:  $2 \times 1 \text{ NO}$ 

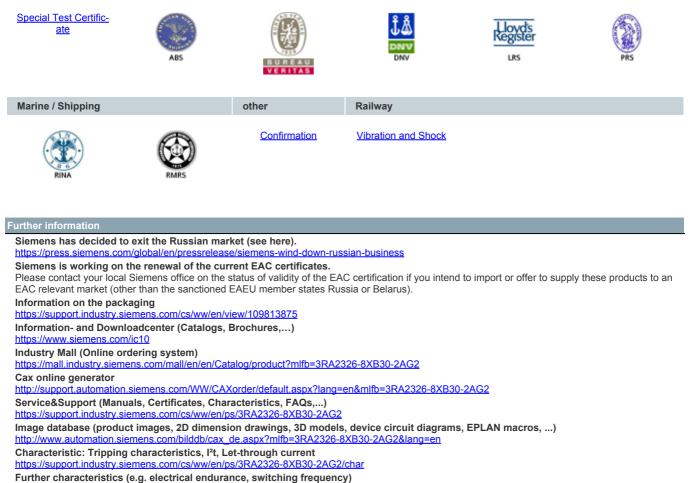
product brand name	SIRIUS
product designation	Reversing contactor assembly
product type designation	3RA23
manufacturer's article number	
<ul> <li>1 of the supplied contactor</li> </ul>	<u>3RT2026-2AG20</u>
<ul> <li>2 of the supplied contactor</li> </ul>	<u>3RT2026-2AG20</u>
<ul> <li>of the supplied RH assembly kit</li> </ul>	<u>3RA2923-2AA2</u>
General technical data	
size of contactor	SO
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 typical</li> </ul>	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	
<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 AC-3 — at 400 V rated value	25 A
	25 A 18 A
— at 400 V rated value	
— at 400 V rated value — at 500 V rated value	18 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
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	7.5 kW
operating frequency	
• 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	110 V
• at 60 Hz rated value	110 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 <ul> <li>per direction of rotation</li> </ul>	
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul>	2
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li>	2
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings</li>	2
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor</li> </ul> </li>	2 < 1 error per 100 million operating cycles
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts <ul> <li>UL/CSA ratings</li> </ul> </li> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li>	2 < 1 error per 100 million operating cycles 21 A
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> </ul> </li>	2 < 1 error per 100 million operating cycles 21 A
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> </ul> </li>	2 < 1 error per 100 million operating cycles 21 A 22 A
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> </ul>	2 < 1 error per 100 million operating cycles 21 A 22 A 7.5 hp
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> </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 <b>contact reliability of auxiliary contacts</b> <b>UL/CSA ratings</b> <b>full-load current (FLA) for 3-phase AC motor</b> • 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 <b>contact rating of auxiliary contacts according to UL</b>	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 <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> 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
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	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 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 <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> </ul> </li> <li>Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> </ul> </li>	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 <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> </ul> </li> <li>Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> </ul> </li>	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
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> <li>contact rating of auxiliary contacts according to UL</li> Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	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 <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions	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 fuse gG: 10 A
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> <li>contact rating of auxiliary contacts according to UL</li> Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	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
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions	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 fuse gG: 10 A +/-180° rotation possible on vertical mounting surface; can be tilted forward and
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> UL/CSA ratings full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions mounting position	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 fuse gG: 10 A +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> </ul> </li> <li>Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions <ul> <li>mounting position</li> </ul> </li>	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 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
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions mounting position <ul> <li>fastening method</li> <li>height</li> <li>width</li> </ul></li>	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 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 114 mm
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions mounting position <ul> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul></li>	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 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 114 mm 90 mm
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions mounting position fastening method <ul> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing</li> </ul></li>	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 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 114 mm 90 mm
number of NO contacts for auxiliary contacts <ul> <li>per direction of rotation</li> <li>instantaneous contact</li> </ul> <li>contact reliability of auxiliary contacts</li> <li>UL/CSA ratings <ul> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> </ul> Short-circuit protection <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> Installation/ mounting/ dimensions mounting position <ul> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul></li>	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 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 114 mm 90 mm

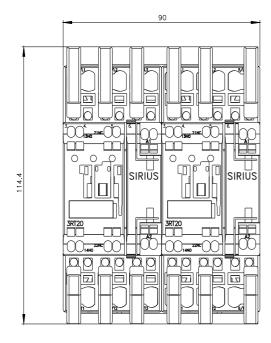
— backwards	0 mm
— upwards	6 mm
— downwards	6 mm
— at the side	6 mm
<ul> <li>for grounded parts</li> </ul>	
— forwards	6 mm
— backwards	0 mm
— upwards	6 mm
— at the side	6 mm
— downwards	6 mm
for live parts	
— forwards	6 mm
— backwards	0 mm
— upwards	6 mm
— downwards	6 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	spring-loaded terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Spring-type terminals
of magnet coil	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
• solid	2x (1 10 mm²)
<ul> <li>solid or stranded</li> </ul>	2x (1 10 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 6 mm <sup>2</sup> )
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1 6 mm²)
type of connectable conductor cross-sections	
<ul> <li>for auxiliary contacts</li> </ul>	
— solid or stranded	2x (0.5 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (20 14)
Safety related data	
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	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

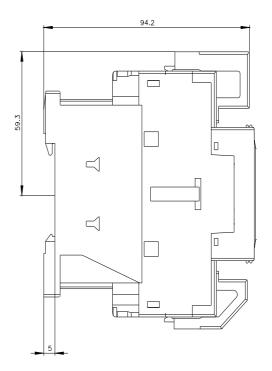
**Test Certificates** 

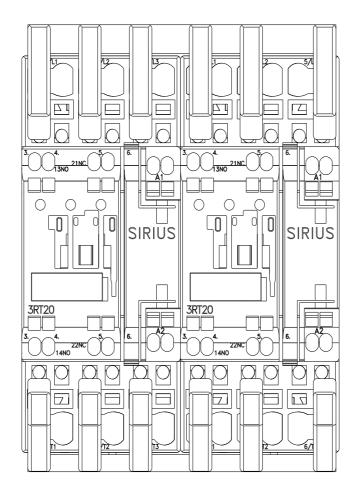
Marine / Shipping

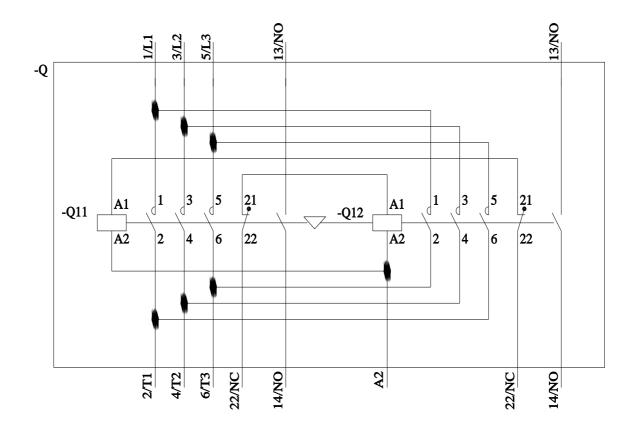


http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2326-8XB30-2AG2&objecttype=14&gridview=view1









last modified:

11/21/2022 🖸