SIEMENS

Data sheet 3RV2321-4DC10



Circuit breaker size S0 for starter combination Rated current 25 A N-release 325 A Screw terminal Standard switching capacity





product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For starter combinations
product type designation	3RV2
General technical data	
size of the circuit-breaker	S0
size of contactor can be combined company-specific	S00, S0
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	10.5 W
 at AC in hot operating state per pole 	3.5 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
shock resistance according to IEC 60068-2-27	25g / 11 ms
mechanical service life (operating cycles)	
 of the main contacts typical 	100 000
of auxiliary contacts typical	100 000
electrical endurance (operating cycles) typical	100 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-20 +60 °C
during storage	-50 +80 °C
during transport	-50 +80 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
operating voltage	
• rated value	20 690 V
 at AC-3 rated value maximum 	690 V
at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current rated value	25 A
operational current	

### at AC-3 at 4 AOU v tract value ### at AC-3 at 4 AOU v tract value ### at AC-3 ### at A		
operating prover at AC-3		
## AC-3 ##		25 A
	operating power	
	• at AC-3	
	— at 230 V rated value	5.5 kW
at 800 V rated value	— at 400 V rated value	11 kW
	— at 500 V rated value	15 kW
	— at 690 V rated value	22 kW
	• at AC-3e	
— at 580 V rated value 22 kW operating frequency • at AC-3 maximum 15 f. f/m Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 • ground fault detection No • ground fault detection No • ground fault detection No maximum short-ircuit current breaking capacity (Icu) • at AC at 400 V rated value 55 kA	— at 230 V rated value	5.5 kW
operating frequency	— at 400 V rated value	11 kW
operating frequency	— at 500 V rated value	15 kW
at AC-3 maximum at AC-3 emaximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts 0 product function • ground fault detection • ground fault detection • product function • ground fault detection • phase failure detection • AC-0 at 240 V rated value • at AC-0 at 400 V rated value • at AC-0 at 300 V rated value • at 300 V rated valu	— at 690 V rated value	22 kW
Auxiliary circuit Jumillary Contacts for auxiliary contacts Jumillary Circuit Jumillar	operating frequency	
Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 product function • ground fault detection • pround fault detection • pround fault detection • provided functions maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 260 V rated value • at AC at 560 V rated value • at 560 V rated valu	• at AC-3 maximum	15 1/h
number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 Protective and monitoring functions product function eground fault detection No	• at AC-3e maximum	15 1/h
number of NO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function	Auxiliary circuit	
number of CO contacts for auxiliary contacts Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 600 V	number of NC contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 600 V		
Protective and monitoring functions product function		
product function	·	
e ground fault detection		
e phase failure detection maximum short-circuit current breaking capacity (Icu) e at AC at 240 V rated value 100 kA e at AC at 400 V rated value 55 kA e at AC at 500 V rated value 100 kA e at AC at 500 V rated value 100 kA e at 240 V rated value 2100 kA e at 240 V rated value 22 kA perating short-circuit current breaking capacity (Ics) at AC e at 240 V rated value 25 kA e at 500 V rated value 25 kA e at 500 V rated value 26 kA e at 500 V rated value 27 kA e at 500 V rated value 28 kA e at 600 V rated value 29 kA response value current of instantaneous short-circuit trip unit 25 A ULICSA ratings full-load current (FLA) for 3-phase AC motor e at 4800 V rated value 25 kA e at 600 V rated value 26 kA e at 600 V rated value 27 kp e at 100 V rated value 28 kB e for 3-phase AC motor e at 200/200 V rated value 3 kp e for 3-phase AC motor e at 200/200 V rated value 3 kp e for 3-phase AC motor e at 200/200 V rated value 3 kp e for 3-phase AC motor e at 200/200 V rated value 3 kp e for 3-phase AC motor e at 200/200 V rated value 5 kp e at 460 v rated value 5 kp e at 460 v rated value 5 kp e at 460 v rated value 7.5 pp e at 460 v rated value 9 kp e at 460 v	•	No
maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value 100 kA at AC at 400 V rated value 55 kA at AC at 500 V rated value 10 kA at AC at 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC 4 ta 400 V rated value at 420 V rated value 25 kA at 500 V rated value 5 kA at 630 V rated value 2 kA value current of instantaneous short-circuit trip unit 325 A ULCSA ratings Value value val 480 V rated value 25 A val 480 V rated value 2 hp at 300 V rated value 3 hp e for 3-phase AC motor 4 hp at 200228 V rated value 5 hp at 2002280 V rated value 5 hp at 2002280 V rated value 15 hp Short-circuit protection Yes design of the fuse link for IT network for short-circuit protection	-	
	·	110
		100 kA
at AC at 500 V rated value at AC at 500 V rated value porating short-circuit current breaking capacity (lcs) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 500 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 600 V rated value bat 600 V rated value at 600 V rated value bat 600 V rated value at 600 V rated value at 600 V rated value at 101/120 V rated value at 101/120 V rated value at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 4-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 4-phase AC motor at 200/208 V rated value for 4-phase AC motor at 200/208 V rated value for 4-phase AC motor at 200/208 V rated value for 4-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated v		
* at AC at 690 V rated value		
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at 240 V rated value at 400 V rated value 5 kA at 500 V rated value 2 kA response value current of instantaneous short-circuit trip unit 2 kA response value current of instantaneous short-circuit trip unit 325 A UL/GSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 25 A at 600 V rated value 25 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 2 hp at 230 V rated value 3 hp for 3-phase AC motor at 2200/230 V rated value 5 hp at 2200/230 V rated value 7.5 hp at 460/480 V rated value 15 hp Short-circuit protection product function short circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit 4 at 400 V at 4500 V at 500 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position any at 45 mm		4 M
at 400 V rated value at 500 V rated value at 690 V rated value z kA response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value z 5 A yielded mechanical performance [hp] of or single-phase AC motor — at 110/120 V rated value — at 230 V rated value of or 3-phase AC motor — at 220/208 V rated value of or 3-phase AC motor — at 220/208 V rated value for 3-phase AC motor — at 220/208 V rated value of or 3-phase AC wotor response response AC wotor response response AC wotor response resp		100 kA
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* at 690 V rated value response value current of instantaneous short-circuit trip unit **DL/CSA ratings** full-load current (FLA) for 3-phase AC motor * at 480 V rated value * at 600 V rated value * 25 A **yielded mechanical performance [hp] * for single-phase AC motor * — at 110/120 V rated value * at 600 V rated value * at 90 V rated value * at 200/208 V rated value * at 200/208 V rated value * — at 220/2030 V rated value * — at 460/480 V rated value * — at 460/480 V rated value * T.5 hp * — at 460/480 V rated value **Short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit * at 400 V * at 500 V * at 690 V Installation/ mounting/ dimensions mounting position fastening method * screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width		
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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 100/120 V rated value - at 110/120 V rated value - at 230 V rated value - at 230 V rated value - at 220/228 V rated value - at 220/228 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value T,5 hp - at 460/480 V rated value 15 hp Short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width		
full-load current (FLA) for 3-phase AC motor at 480 V rated value 25 A at 600 V rated value 25 A yielded mechanical performance [hp] for single-phase AC motor —at 110/120 V rated value 2 hp —at 230 V rated value 3 hp for 3-phase AC motor —at 220/230 V rated value 5 hp —at 220/230 V rated value 7.5 hp —at 460/480 V rated value 15 hp Short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 500 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width	<u> </u>	323 A
■ at 480 V rated value ■ at 600 V rated value 25 A yielded mechanical performance [hp] ● for single-phase AC motor — at 110/120 V rated value ○ at 230 V rated value ○ for 3-phase AC motor — at 200/208 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 ○ at 460/480 V rated value ○ for 3-phase AC motor ○ at 200/208 V rated value ○ at 200/208 V rated value ○ at 9-phase AC motor ○ at 460/480 V rated value ○ at 9-phase AC motor ○ at 460/480 V rated value 7.5 hp ○ at 690 reaction product function short circuit protection design of the short-circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit ○ at 400 V ○ at 500 V ○ at 500 V ○ at 690 V ○ at 690 V Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width		
• at 600 V rated value 25 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 2 hp — at 230 V rated value 3 hp • for 3-phase AC motor — at 200/208 V rated value 5 hp — at 220/230 V rated value 7.5 hp — at 460/480 V rated value 15 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 45 mm		
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for single-phase AC motor — at 110/120 V rated value		25 A
- at 110/120 V rated value 2 hp - at 230 V rated value 3 hp • for 3-phase AC motor - at 200/208 V rated value 5 hp - at 220/230 V rated value 7.5 hp - at 460/480 V rated value 15 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V gL/gG 63 A • at 500 V • at 690 V gL/gG 50 A Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 45 mm		
- at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value - at 220/230 V rated value - at 460/480 V rated value product function short circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V gL/gG 50 A Installation/ mounting/ dimensions mounting position fastening method height vidth 3 hp 3 hp 3 hp 3 hp 5 hp 7.5 hp 7.5 hp 9 yes magnetic 45 mp magnetic gL/gG 63 A gL/gG 63 A gL/gG 63 A gL/gG 50 A Installation/ mounting/ dimensions mounting position fastening method height 97 mm vidth	- · ·	
for 3-phase AC motor — at 200/208 V rated value		·
- at 200/208 V rated value 5 hp - at 220/230 V rated value 7.5 hp - at 460/480 V rated value 15 hp Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V gL/gG 63 A • at 500 V gL/gG 50 A Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm width		3 hp
- at 220/230 V rated value - at 460/480 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 97 mm width	•	
— at 460/480 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height vidth 15 hp 15 hp 15 hp 16 hp Yes magnetic gL/gG 63 A gL/gG 63 A gL/gG 50 A gL/gG 50 A screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm width		·
Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height width Yes magnetic Yes magnetic gL/gG 63 A gL/gG 63 A gL/gG 50 A gL/gG 50 A screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 97 mm width	— at 220/230 V rated value	7.5 hp
product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height width Yes magnetic Yes magnetic yes magnetic gL/gG 63 A gL/gG 63 A gL/gG 50 A gL/gG 50 A screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 97 mm width	— at 460/480 V rated value	15 hp
design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height 97 mm width magnetic magnetic magnetic magnetic magnetic magnetic magnetic gL/gG 63 A gL/gG 63 A gL/gG 50 A any fastening mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm	Short-circuit protection	
design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm width	product function short circuit protection	Yes
protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height 97 mm width gL/gG 63 A gL/gG 50 A gL/gG 50 A Installation/ mounting/ dimensions any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715	design of the short-circuit trip	magnetic
at 400 V at 500 V at 500 V gL/gG 50 A at 690 V gL/gG 50 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 97 mm width		
at 500 V gL/gG 50 A gL/gG 50 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height width 45 mm	•	
● at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 97 mm 45 mm		* *
Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm width 45 mm		* *
mounting position any fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 97 mm width 45 mm		gL/gG 50 A
fastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715height97 mmwidth45 mm	Installation/ mounting/ dimensions	
height97 mmwidth45 mm	mounting position	any
width 45 mm	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
	height	97 mm
depth 97 mm	width	45 mm
	depth	97 mm

required spacing	
with side-by-side mounting at the side	0 mm
 for grounded parts at 400 V 	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
for live parts at 400 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
for grounded parts at 500 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
● for live parts at 500 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
for grounded parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
• for live parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
0 :: (= : :	
Connections/ Terminals	
type of electrical connection	
type of electrical connection • for main current circuit	screw-type terminals
type of electrical connection • for main current circuit arrangement of electrical connectors for main current	screw-type terminals Top and bottom
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit	
type of electrical connection ● for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	
type of electrical connection	Top and bottom
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²)
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²)
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8)
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts tightening torque • for main contacts with screw-type terminals design of screwdriver shaft	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts tightening torque • for main contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts tightening torque • for main contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw • for main contacts Safety related data	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes 40 % 50 %
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes 40 % 50 % 5 000
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes 40 % 50 %
type of electrical connection	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes 40 % 50 % 5 000
type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts	Top and bottom 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 2 2.5 N·m Diameter 5 to 6 mm Pozidriv size 2 M4 Yes No Yes 10 a Yes 40 % 50 % 5 000

overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A
T1 value	
 for proof test interval or service life according to IEC 61508 	10 a
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
Display	
display version for switching status	Handle
Approvals Certificates	

General Product Approval







Confirmation



KC

General Product Ap-

Test Certificates

Marine / Shipping



Special Test Certific-

Type Test Certificates/Test Report







Marine / Shipping

other







Miscellaneous

Confirmation



Railway

Environment

Special Test Certificate

Confirmation







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=3RV2321-4DC10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2321-4DC10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RV2321-4DC10

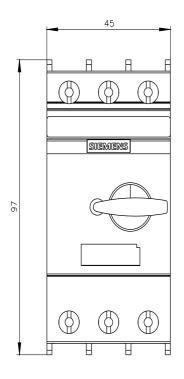
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

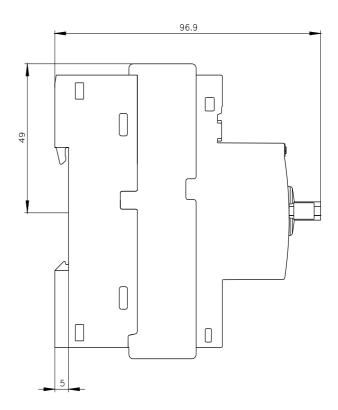
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2321-4DC10&lang=en

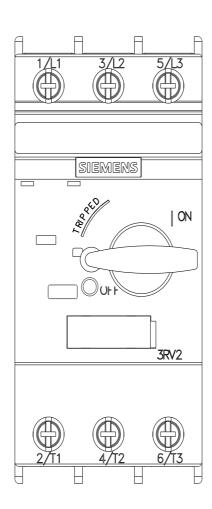
Characteristic: Tripping characteristics, I2t, Let-through current

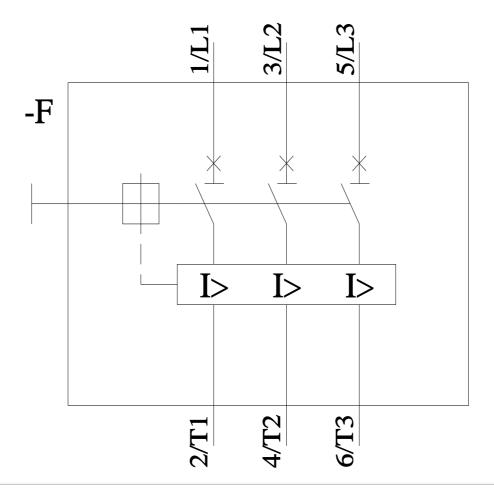
https://support.industry.siemens.com/cs/ww/en/ps/3RV2321-4DC10/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2321-4DC10&objecttype=14&gridview=view1









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