SIEMENS

Data sheet 3RV2411-0CA10

CIRCUIT-BREAKER SZ S00, FOR TRANSFORMER PROT. A-RELEASE 0.18...0.25A, N-RELEASE5.2A SCREW CONNECTION, STANDARD SW. CAPACITY



product brandname	SIRIUS
Product designation	Circuit breaker
Design of the product	For transformer protection
Product type designation	3RV2

S00
S00, S0
Yes
5 W
690 V
6 kV
400 V
400 V

• on the front	IP20
• of the terminal	IP20
Mechanical service life (switching cycles)	
 of the main contacts typical 	100 000
of auxiliary contacts typical	100 000
Electrical endurance (switching cycles)	
• typical	100 000
Protection against electrical shock	finger-safe
Equipment marking acc. to DIN EN 81346-2	Q
Ambient conditions	
Ambient temperature	
during operation	-20 +60 °C
during storage	-50 +80 °C
 during transport 	-50 +80 °C
Temperature compensation	-20 +60 °C
Main circuit	
Number of poles for main current circuit	3
Adjustable pick-up value current of the current- dependent overload release	0.18 0.25 A
Operating voltage	
• rated value	690 V
• at AC-3 rated value maximum	690 V
Operating frequency rated value	50 60 Hz
Operating current rated value	0.25 A
Operating current	
• at AC-3	
— at 400 V rated value	0.25 A
Operating power	
• at AC-3	
— at 230 V rated value	40 W
— at 400 V rated value	60 W
— at 500 V rated value	90 W
— at 690 V rated value	120 W
Operating frequency	
• at AC-3 maximum	15 1/h
Auxiliary circuit	
Number of NC contacts	
for auxiliary contacts	0
Number of NO contacts	
for auxiliary contacts	0
Number of CO contacts	

0

Product function Ground fault detection Ground fault detection Phase failure detection Trip class CLASS 10 Design of the overload release thermal Operational short-circuit current breaking capacity (ics) at AC at 240 V rated value at 300 V rated value at 300 V rated value at 690 V rated value at 690 V rated value at AC at 500 V rated value at AC at 400 V rated value at AC at 500 V rated value by AC at 500 V rated value at a current paths in series at DC at 300 V rated value with 2 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value at 600 V rated value 0.25 A Short-circuit protection Product function Short circuit trip magnetic Installation' numuting/ dimensions Mounting position any Mounting type screw and snap-on mounting onto 35 mm standard mounting rall according to DIN EN 60715 Height Width 45 mm Depth Required spacing with side-by-side mounting - forwards 0 mm	Protective and monitoring functions	
Phase failure detection Yes CLASS 10 Design of the overload release CLASS 10 Design of the overload release Operational short-circuit current breaking capacity (ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 620 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • with 2 current path at DC at 150 V rated value • with 3 current paths in series at DC at 300 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 6 current paths in series at DC at 450 V rated value • with 8 current paths in series at DC at 450 V rated value • with 8 current paths in series at DC at 450 V rated value • with 8 current paths in series at DC at 450 V rated value • with 8 current paths in series at DC at 450 V rated value • with 8 current paths in series at DC at 450 V rated value • with 8 current paths in series at DC at 450 V rated value • with 8 current paths in series a	Product function	
Trip class CLASS 10 Design of the overload release thermal Operational short-circuit current breaking capacity (Icus) at AC • at 240 V rated value 100 kA • at 500 V rated value 100 kA • at 690 V rated value 100 kA Maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value 100 kA Maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value 100 kA • at AC at 400 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 500 V rated value 100 kA • at AC at 690 V rated value 100 kA • at AC at 690 V rated value 100 kA Breaking capacity short-circuit current (Icn) • at 1 current path at DC at 150 V rated value 10 kA • with 2 current paths in series at DC at 300 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 5 current paths in series at DC at 450 V rated value 0.25 A Short-circuit protection Product function Short circuit trip magnetic Installation/ mounting/ dimensions Mounting position any Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth 96 mm	 Ground fault detection 	No
Design of the overload release Operational short-circuit current breaking capacity ((ca) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value 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 AC at 890 V rated value at AC at 890 V rated value breaking capacity short-circuit current (ton) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value at 480 V rated value breaking capacity short-circuit current (FLA) for three-phase AC motor at 480 V rated value capacity at 480 V rated value capacity protection Product function Short circuit protection 9 any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height Width 45 mm Poeth Product function Short circuit protection Product function Short circuit protection Product function Short circuit protection 9 6 mm	Phase failure detection	Yes
Operational short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value 100 kA at 500 V rated value 100 kA at 690 V rated value 100 kA Maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value 100 kA Maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value 100 kA at AC at 400 V rated value 100 kA at AC at 400 V rated value 100 kA at AC at 690 V rated value 100 kA Breaking capacity short-circuit current (Icn) at 1 current path at DC at 150 V rated value 100 kA Breaking capacity short-circuit current (Icn) at 1 current paths in series at DC at 300 V rated value with 2 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value at 600 V rated value 2.25 A Short-circuit protection Product function Short circuit protection Product function	Trip class	CLASS 10
(Ics) at AC at 240 V rated value at 400 V rated value 100 kA at 500 V rated value 100 kA Maximum short-circuit current breaking capacity (Icu) at 630 V rated value 100 kA Maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value 100 kA at AC at 240 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA Breaking capacity short-circuit current (Icn) at 1 current path at DC at 150 V rated value 100 kA Breaking capacity short-circuit current (Icn) at 1 current paths in series at DC at 300 V rated value with 2 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value at 480 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value 2.25 A Short-circuit protection Product function Short circuit trip magnetic Installation/ mounting/ dimensions Mounting position Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 96 mm Required spacing with side-by-side mounting	Design of the overload release	thermal
at 240 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at AC at 240 V rated value at AC at 240 V rated value 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 690 V rated value at AC at 500 V rated value but AC at 500 V rated value but AC at 500 V rated value at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value at 500 V rated value but AC at 500 V rated value caused at 500 V rated value caused value but AC at 500 V rated value caused value at 500 V rated value caused value but AC at 500 V rated value caused value at 500 V rated value caused value caused value according to DIN EN 60715 but AC at 500 V rated value according to DIN EN 60715 but AC at 500 V rated value caused value according to DIN EN 60715 but AC at 500 V rated value according to DIN EN 60715 but AC at 500 V rated value according to DIN EN 60715 but AC at 500 V rated value according to DIN EN 60715 but AC at 500 V rated value according to DIN EN 60715 but AC at 500 V rated value at 600 V rated value at 600 V rated value at 600 V rated value		
at 400 V rated value at 500 V rated value 100 kA at 690 V rated value 100 kA Maximum short-circuit current breaking capacity (icu) at AC at 240 V rated value 100 kA at AC at 240 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value 100 kA breaking capacity short-circuit current (icn) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 80 V rated value 0.25 A Short-circuit protection Product function Short circuit trip magnetic installation/ mounting/ dimensions Mounting position any Mounting position any Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width Depth Required spacing with side-by-side mounting		
at 500 V rated value at 690 V rated value 100 kA Maximum short-circuit current breaking capacity (lcu) at AC at 240 V rated value 100 kA at AC at 240 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA breaking capacity short-circuit current (lcn) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current (FLA) for three-phase AC motor at 480 V rated value 2.25 A short-circuit protection Product function Short circuit protection Design of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 96 mm Required spacing with side-by-side mounting with side-by-side mounting with side-by-side mounting with side-by-side mounting	• at 240 V rated value	100 kA
at 690 V rated value Maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value at 480 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value 0 .25 A at 600 V rated value Short-circuit protection Product function Short circuit protection Design of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width Popth Popth Popth Pof mm Required spacing with side-by-side mounting	• at 400 V rated value	100 kA
Maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 1 current path at DC at 150 V rated value • with 2 current paths in series at DC at 300 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value Design of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height Width 45 mm Depth Required spacing • with side-by-side mounting • with side-by-side mounting	● at 500 V rated value	100 kA
at AC at 240 V rated value at AC at 400 V rated value 100 kA at AC at 500 V rated value 100 kA Breaking capacity short-circuit current (Icn) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value 0.25 A Short-circuit protection Product function Short circuit protection Product function Short circuit trip magnetic Installation/ mounting/ dimensions Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 95 mm Pepth Required spacing with side-by-side mounting with side-by-side mounting **Tul-load current** **Tul-lo	• at 690 V rated value	100 kA
at AC at 400 V rated value at AC at 690 V rated value at AC at 690 V rated value Breaking capacity short-circuit current (Ion) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current (FLA) for three-phase AC motor at 480 V rated value 0.25 A Short-circuit protection Product function Short circuit protection Product function Short circuit trip magnetic Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting noto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting	Maximum short-circuit current breaking capacity (Icu)	
at AC at 500 V rated value at AC at 690 V rated value 100 kA Breaking capacity short-circuit current (Icn) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value WIL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value 0.25 A Short-circuit protection Product function Short circuit protection Sos of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting	• at AC at 240 V rated value	100 kA
at AC at 690 V rated value Breaking capacity short-circuit current (Icn) at 1 current path at DC at 150 V rated value with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value 0.25 A Short-circuit protection Product function Short circuit protection Product function Short circuit protection Product function Mounting / dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting	• at AC at 400 V rated value	100 kA
Breaking capacity short-circuit current (Icn) • at 1 current path at DC at 150 V rated value • with 2 current paths in series at DC at 300 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value Design of the short-circuit trip Installation/ mounting/ dimensions Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width Depth Required spacing • with side-by-side mounting	• at AC at 500 V rated value	100 kA
• at 1 current path at DC at 150 V rated value • with 2 current paths in series at DC at 300 V rated value • with 3 current paths in series at DC at 450 V rated value • with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value Product function Short circuit protection Product function Short circuit trip Design of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting position Any Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width Depth Pequired spacing with side-by-side mounting with side-by-side mounting	• at AC at 690 V rated value	100 kA
with 2 current paths in series at DC at 300 V rated value with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value o.25 A Short-circuit protection Product function Short circuit protection Pesign of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting with side-by-side mounting with side-by-side mounting	Breaking capacity short-circuit current (Icn)	
rated value • with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value Design of the short-circuit protection Product function Short circuit protection Pesign of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing • with side-by-side mounting • with side-by-side mounting	• at 1 current path at DC at 150 V rated value	10 kA
with 3 current paths in series at DC at 450 V rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value o.25 A at 600 V rated value o.25 A Short-circuit protection Product function Short circuit protection Pesign of the short-circuit trip magnetic Installation/ mounting/ dimensions Mounting position Any Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting with side-by-side mounting	• with 2 current paths in series at DC at 300 V	10 kA
rated value UL/CSA ratings Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value Product function Short circuit protection Pesign of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing • with side-by-side mounting	rated value	
UL/CSA ratings Full-load current (FLA) for three-phase AC motor	·	10 kA
Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value 0.25 A Short-circuit protection Product function Short circuit protection Design of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing • with side-by-side mounting • with side-by-side mounting	rated value	
at 480 V rated value at 600 V rated value 0.25 A Short-circuit protection Product function Short circuit protection Design of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting	UL/CSA ratings	
at 600 V rated value Design of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing with side-by-side mounting 0.25 A 0.25 A 0.25 A 0.25 A 0.26 A 0.27 A Yes magnetic	Full-load current (FLA) for three-phase AC motor	
Short-circuit protection Product function Short circuit protection Design of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Required spacing • with side-by-side mounting	• at 480 V rated value	0.25 A
Product function Short circuit protection Design of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Pequired spacing with side-by-side mounting	● at 600 V rated value	0.25 A
Product function Short circuit protection Design of the short-circuit trip Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Pequired spacing with side-by-side mounting	Short-circuit protection	
Installation/ mounting/ dimensions Mounting position Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth Pequired spacing • with side-by-side mounting	·	Yes
Mounting position any Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth 96 mm Required spacing • with side-by-side mounting	Design of the short-circuit trip	magnetic
Mounting position any Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Height 97 mm Width 45 mm Depth 96 mm Required spacing • with side-by-side mounting	Installation/ mounting/ dimensions	
according to DIN EN 60715 Height 97 mm Width 45 mm Depth 96 mm Required spacing ● with side-by-side mounting		any
Width 45 mm Depth 96 mm Required spacing ● with side-by-side mounting	Mounting type	
Depth 96 mm Required spacing • with side-by-side mounting	Height	97 mm
Required spacing • with side-by-side mounting	Width	45 mm
• with side-by-side mounting	Depth	96 mm
	Required spacing	
— forwards 0 mm	with side-by-side mounting	
	— forwards	0 mm

— Backwards	0 mm
— upwards	50 mm
— downwards	50 mm
— at the side	0 mm
• for grounded parts	
— forwards	0 mm
— Backwards	0 mm
— upwards	50 mm
— at the side	30 mm
— downwards	50 mm
• for live parts	
— forwards	0 mm
— Backwards	0 mm
— upwards	50 mm
— downwards	50 mm
— at the side	30 mm

Connections/Terminals	
Product function	
 removable terminal for auxiliary and control circuit 	No
Type of electrical connection	
• for main current circuit	screw-type terminals
Arrangement of electrical connectors for main current circuit	Top and bottom
Type of connectable conductor cross-sections	
• for main contacts	
 single or multi-stranded 	2x (0,75 2,5 mm²), 2x 4 mm²
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 at AWG conductors for main contacts 	2x (18 14), 2x 12
Tightening torque	
 for main contacts with screw-type terminals 	0.8 1.2 N·m
Design of screwdriver shaft	Diameter 5 to 6 mm

Safety related data	
B10 value	
 with high demand rate acc. to SN 31920 	5 000
Proportion of dangerous failures	
 with low demand rate acc. to SN 31920 	50 %
• with high demand rate acc. to SN 31920	50 %
Failure rate [FIT]	
 with low demand rate acc. to SN 31920 	50 FIT

T1 value for proof test interval or service life acc. to
IEC 61508

Display version

• for switching status

Handle

Certificates/approvals

General Product Approval

Declaration of Conformity











Test Certificates

Shipping Approval

Special Test Certificate Type Test
Certificates/Test
Report









Shipping Approval

other





Confirmation

Environmental Confirmations



Miscellaneous

Railway

Vibration and Shock

Further information

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

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2411-0CA10

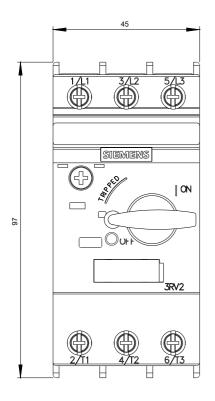
Cax online generator

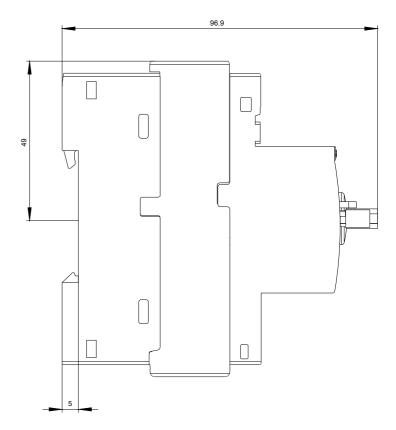
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2411-0CA10

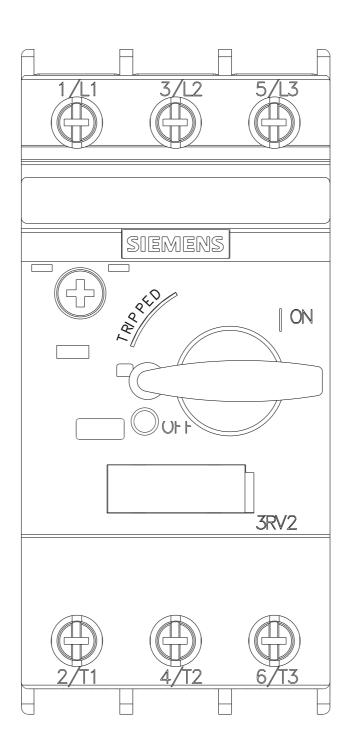
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

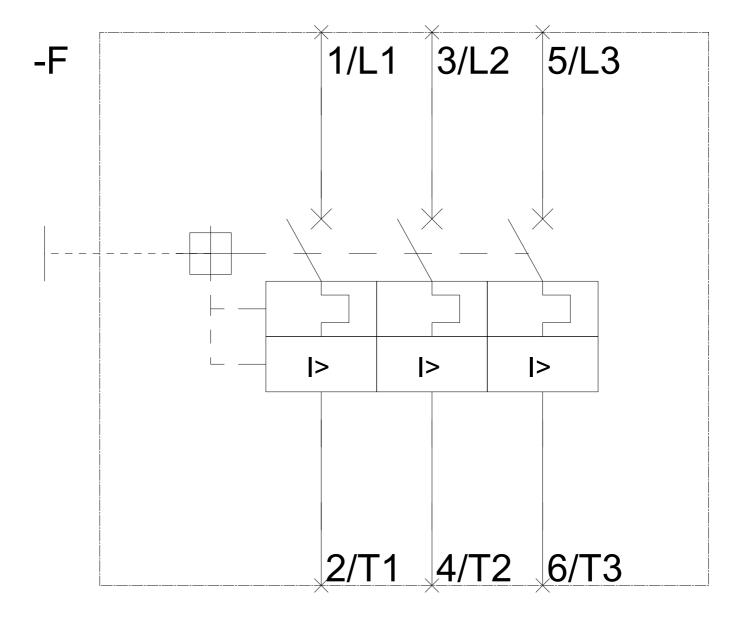
 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0CA10}}$

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2411-0CA10&lang=en









last modified: 07/01/2017