SIEMENS

Data sheet

3RV2411-0AA10

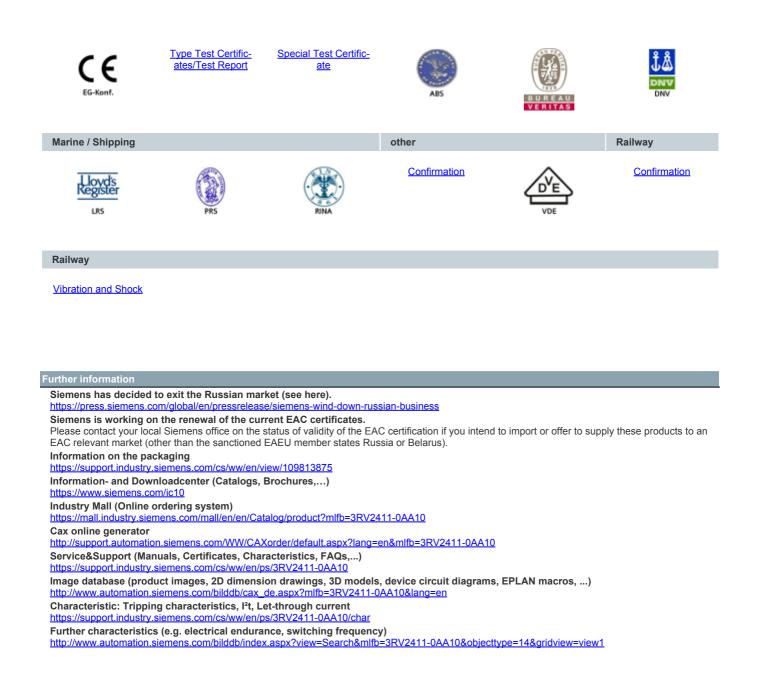


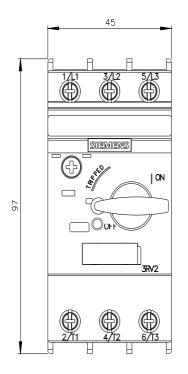
Circuit breaker size S00 for transformer protection A-release 0.11...0.16 A N-release 3.3 A screw terminal Standard switching capacity

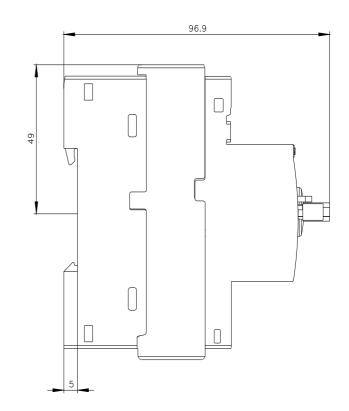
SIRIUS
Circuit breaker
For transformer protection
3RV2
S00
S00, S0
Yes
5.5 W
1.8 W
690 V
6 kV
25g / 11 ms
100 000
100 000
100 000
Q
10/01/2009
2 000 m
-20 +60 °C
-50 +80 °C
-50 +80 °C
10 95 %
3
0.11 0.16 A
20 690 V
690 V
690 V
50 60 Hz
0.16 A
0.16 A

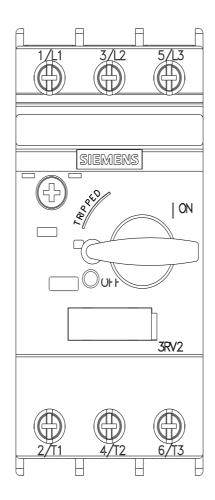
operating power	
• at AC-3	
— at 230 V rated value	0 kW
— at 400 V rated value	0 kW
— at 500 V rated value	0.1 kW
— at 690 V rated value	0.1 kW
• at AC-3e	
— at 230 V rated value	0 kW
— at 400 V rated value	0 kW
— at 500 V rated value	0.1 kW
— at 690 V rated value	0.1 kW
operating frequency	
• at AC-3 maximum	15 1/h
• at AC-3e maximum	15 1/h
Auxiliary circuit	13 1/11
	0
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
Protective and monitoring functions	
product function	
 ground fault detection 	No
phase failure detection	Yes
trip class	CLASS 10
design of the overload release	thermal
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 690 V rated value	100 kA
operating short-circuit current breaking capacity (Ics) at AC	
• at 240 V rated value	100 kA
• at 400 V rated value	100 kA
• at 500 V rated value	100 kA
• at 690 V rated value	100 kA
response value current of instantaneous short-circuit trip unit	3.3 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	0.16 A
at 600 V rated value	0.16 A
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	
	magnetic
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
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
dominalad	

Declaration of Con- formity Test Certificates	Marine / Shipping
General Product Approval	Declaration of Con- formity
Certificates/ approvals	
display version for switching status	Handle
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
protection class IP on the front according to IEC 60529	IP20
T1 value for proof test interval or service life according to IEC 61508	10 a
with low demand rate according to SN 31920	50 FIT
failure rate [FIT]	
with high demand rate according to SN 31920	50 %
with low demand rate according to SN 31920	50 %
proportion of dangerous failures	
with high demand rate according to SN 31920	5 000
B10 value	
Safety related data	
for main contacts	M3
design of the thread of the connection screw	
size of the screwdriver tip	Pozidriv size 2
design of screwdriver shaft	Diameter 5 to 6 mm
 for main contacts with screw-type terminals 	0.8 1.2 N·m
tightening torque	
 Inery stranded with core end processing for AWG cables for main contacts 	2x (0.5 1.5 mm ⁻), 2x (0.75 2.5 mm ⁻) 2x (18 14), 2x 12
 — solid or stranded — finely stranded with core end processing 	2x (0,75 2,5 mm ²), 2x 4 mm ² 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)
 for main contacts — solid or stranded 	$2x (0.75 - 2.5 \text{ mm}^2) 2x 4 \text{ mm}^2$
type of connectable conductor cross-sections	
circuit	
arrangement of electrical connectors for main current	Top and bottom
for main current circuit	screw-type terminals
type of electrical connection	
— forwards Connections/ Terminals	0 mm
— at the side	30 mm
— backwards	0 mm
— upwards	50 mm
— downwards	50 mm
• for live parts at 690 V	
— forwards	0 mm
— at the side	30 mm
backwards	0 mm
— upwards	50 mm
— downwards	50 mm
 for grounded parts at 690 V 	3 1111
— upwards — at the side	9 mm
— downwards	30 mm 30 mm
• for live parts at 500 V	
— at the side	9 mm
— upwards	30 mm

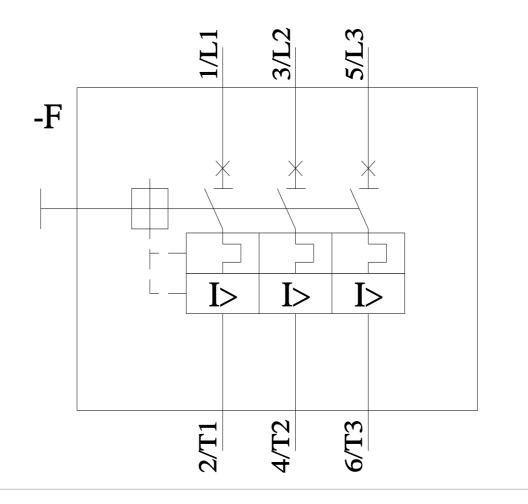








7/24/2023



last modified:

11/21/2022 🖸