SIEMENS

Data sheet

3RV2411-0GA10



Circuit breaker size S00 for transformer protection A-release 0.45...0.63 A N-release 13 A screw terminal Standard switching capacity

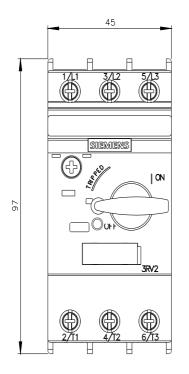
SIRIUS
Circuit breaker
For transformer protection
3RV2
S00
S00, S0
Yes
5.5 W
1.8 W
690 V
6 kV
25g / 11 ms
100 000
100 000
100 000
Q
10/01/2009
2 000 m
-20 +60 °C
-50 +80 °C
-50 +80 °C
10 95 %
3
0.45 0.63 A
20 690 V
690 V
690 V
50 60 Hz
0000.112
0.63 A

operating power	
• at AC-3	
— at 230 V rated value	0.1 kW
— at 400 V rated value	0.2 kW
— at 500 V rated value	0.2 kW
— at 690 V rated value	0.3 kW
• at AC-3e	
— at 230 V rated value	0.1 kW
— at 400 V rated value	0.2 kW
— at 500 V rated value	0.2 kW
— at 690 V rated value	0.3 kW
operating frequency	
• at AC-3 maximum	15 1/h
• at AC-3e 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 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)	u cina
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	13 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	0.63 A
• at 600 V rated value	0.63 A
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 690 V	
	gL/gG 6 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	45 mm
depth	97 mm
required spacing	0
• 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

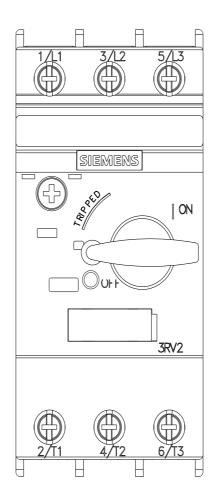
 for grounded parts at 500 V 				
- downwards	30 mm			
	30 mm			
— upwards				
— at the side	9 mm			
• for live parts at 500 V				
— downwards	30 mm			
— upwards	30 mm			
— at the side	9 mm			
 for grounded parts at 690 V 				
— downwards	50 mm			
— upwards	50 mm			
— backwards	0 mm			
— at the side	30 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			
Connections/ Terminals				
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 				
— solid or stranded	2x (0,75 2,5 mm²), 2x 4 mm²			
 finely stranded with core end processing 	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)			
 for AWG cables 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			
size of the screwdriver tip	Pozidriv size 2			
design of the thread of the connection screw				
for main contacts	МЗ			
	Civi			
Safety related data				
B10 value				
with high demand rate according to SN 31920	5 000			
proportion of dangerous failures				
 with low demand rate according to SN 31920 	50 %			
 with high demand rate according to SN 31920 	50 %			
failure rate [FIT]				
 with low demand rate according to SN 31920 	50 FIT			
T1 value for proof test interval or service life according to IEC 61508	10 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			
display version for switching status	Handle			
Certificates/ approvals				
General Product Approval	Declaration of Con- formity			
<u>Confirmation</u>	<u>KC</u> PRP			
(U) (U)				
ссс UL	EG-Kont.			
Declaration of Con				
Declaration of Con- formity Test Certificates	Marine / Shipping			

UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	BUREAU VERITAS	
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Further information					
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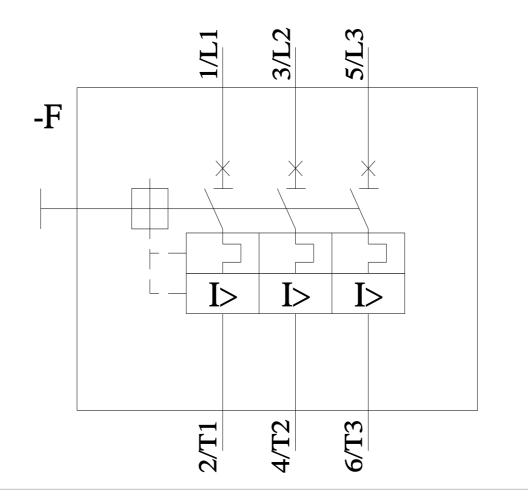
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