SIEMENS

Data sheet

3RV2411-0HA10

CIRCUIT-BREAKER SZ S00, FOR TRANSFORMER PROT. A-RELEASE 0.55...0.8A, N-RELEASE16A SCREW CONNECTION, STANDARD SW. CAPACITY



product brandname	SIRIUS
Product designation	Circuit breaker
Design of the product	For transformer protection
Product type designation	3RV2
General technical data	
Size of the circuit-breaker	S00
Size of contactor can be combined company-specific	S00, S0
Product extension	
Auxiliary switch	Yes
Power loss [W] total typical	6 W
Insulation voltage with degree of pollution 3 rated value	690 V
Surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
 in networks with grounded star point between main and auxiliary circuit 	400 V
 in networks with grounded star point between main and auxiliary circuit 	400 V
Protection class IP	

• on the frontIP20• of the terminalIP20• of the main contacts typical100 000• of the main contacts typical100 000• of auxiliary contacts typical100 000Electrical endurance (switching cycles)•• typical100 000Protection against electrical shockfinger-safeEquipment marking acc. to DIN EN 81346-2QAmbient temperature-40 uring operation• during operation-20 +60 °C• during transport-50 +80 °C• during tra		
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	— at 400 V rated value	180 W
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• at AC-3 maximum15 1/hAuxiliary circuit0Number of NC contacts • for auxiliary contacts0• for auxiliary contacts0• for auxiliary contacts0• for auxiliary contacts0	— at 690 V rated value	370 W
Auxiliary circuit Number of NC contacts • for auxiliary contacts 0 Number of NO contacts • for auxiliary contacts • for auxiliary contacts 0	Operating frequency	
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• for auxiliary contacts 0 Number of NO contacts 0 • for auxiliary contacts 0	Auxiliary circuit	
Number of NO contacts 0	Number of NC contacts	
• for auxiliary contacts 0	 for auxiliary contacts 	0
	Number of NO contacts	
Number of CO contacts	 for auxiliary contacts 	0
	Number of CO contacts	

•	for	auxiliary	contacts
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0

No
Yes
CLASS 10
thermal
100 kA
100 kA
100 kA
100 kA
100 kA
100 kA
100 kA
100 kA
10 kA
10 kA
10 kA
0.8 A
0.8 A
Yes
magnetic
gL/gG 6 A
any
screw and snap-on mounting onto 35 mm standard mounting rail
according to DIN EN 60715
97 mm
45 mm
96 mm

Required spacing	
 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 	No
circuit	
Type of electrical connection	
 for main current circuit 	screw-type terminals
Arrangement of electrical connectors for main current	Top and bottom
circuit	
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		
Γ1 value for proof test interval or service EC 61508	life acc. to	10 y		
Display version				
 for switching status 		Handle		
ertificates/approvals				
General Product Approval				Declaration of Conformity
		<u>KC</u>	EHC	EG-Konf.
Test Certificates	Shipping A	pproval		
Special TestType TestCertificateCertificates/TestReport	ABS	BUREAU VERITAS	Llovd's Register LRS	PRS
Shipping Approval	other			
RINA RMRS	Environmen Confirmatio			Miscellaneous

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

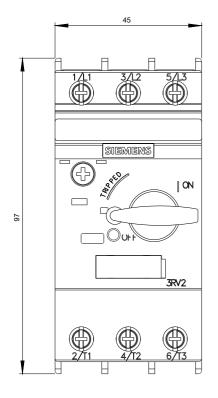
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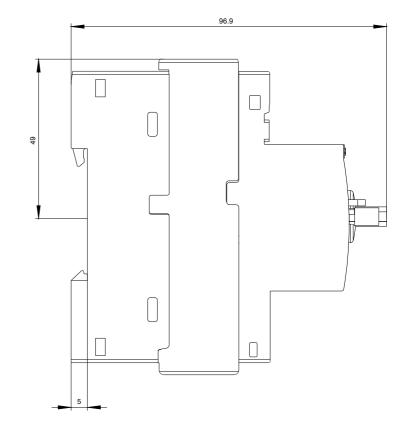
Cax online generator

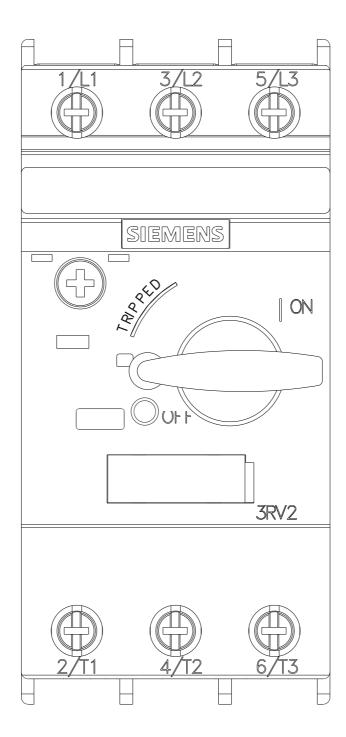
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2411-0HA10

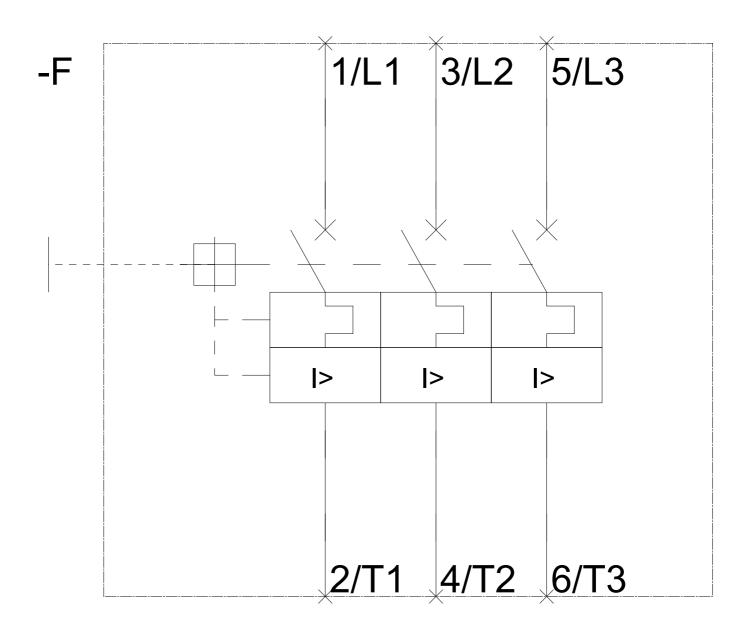
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-0HA10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2411-0HA10&lang=en









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