SIEMENS

Product data sheet

3RV2011-0KA10-ZW96



CIRCUIT-BREAKER SZ S00, FOR MOTOR PROTECTION, CLASS 10, A-REL.0.9...1.25A, N-REL.16A, SCREW CONNECTION, STANDARD SWITCHING CAPACITY MULTI PACKAGE PACKAGE = 24 UNITS

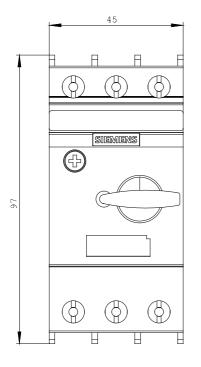
General technical data:				
product brand name		SIRIUS		
product designation		3RV2 circuit breaker		
Size of the circuit-breaker		S00		
Number of poles / for main current circuit		3		
Product function				
 removable terminal for auxiliary and control circuit 		No		
overload protection		Yes		
 phase disturbance recognition 		Yes		
short-circuit to earth recognition		No		
Product component				
auxiliary switch		No		
undervoltage release mechanism		No		
trip indicator		No		
Product extension				
auxiliary switch		Yes		
optional / motor drive		No		
Impulse voltage resistance / rated value	kV	6		
Protection class IP / on the front		IP20		
Protection against electrical shock		finger-safe		

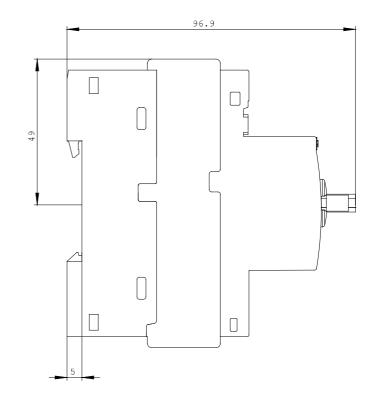
Induction diffuence against shock Intersection Intersection Ambient emperature - - • during storage -C -50 +80 • during storage -C -50 +80 • during storage -C -50 +80 • during operating -C -50 +80 • during operating -C -50 +80 Active power loss / total / typical W 5.4 Main Circuit: W 5.4 Operating voltage / rated value W 370 • at 400 V / rated value W 370 • at 400 V / rated value W 370 • at 600 V / rated value W 370 • at 600 V / rated value W 100,000 • at 600 V / rated value A 1.25 Mechanical operating cycles as operating time / of the main contacts / typical 100,000 Frequency of operation / at AC-3 / according to EC 60947-62 1/h 15 Autiliary circuit: 0 100,000 100,000 Aduptable response current / of the current-dependent cycles as o	Installation altitude / at a height over sea level / maximum	m	2.000
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Mechanical operating cycles as operating time / of the auxiliary contacts / typical 100,000 Protection function: CLASS 10 Adjustable response current / of the current-dependent overload release A 0.9 1.25 Breaking capacity limit short-circuit current (lcu) • at 400 V / rated value A 100,000 • at 400 V / rated value A 100,000 • at 690 V / rated value A 100,000 • at 690 V / rated value A 100,000 • at 690 V / rated value A 100,000 • at 690 V / rated value A 100,000 • at 690 V / rated value A 100,000 • with high demand rate / according to SN 31920 % 40 • with high demand rate / according to SN 31920 % 40 • with low demand rate / according to SN 31920 % 40	Auxiliary circuit:		
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• at 400 V / rated valueA100,000• at 500 V / rated valueA100,000• at 690 V / rated valueA100,000Safety:Proportion of dangerous failures• with high demand rate / according to SN 31920%40• with low demand rate / according to SN 31920%40• Failure rate (FIT value) / with low demand rate / according to SNFIT50		A	0.9 1.25
• at 500 V / rated valueA100,000• at 690 V / rated valueA100,000Safety:Proportion of dangerous failures• with high demand rate / according to SN 31920%40• with low demand rate / according to SN 31920%40Failure rate (FIT value) / with low demand rate / according to SN	Breaking capacity limit short-circuit current (lcu)		
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Safety: Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 • With low demand rate / according to SN 31920 • With low demand rate / according to SN 31920 • With low demand rate / according to SN 31920 • With low demand rate / according to SN 31920 • With low demand rate / according to SN 31920 • With low demand rate / according to SN 31920	• at 500 V / rated value	А	100,000
Proportion of dangerous failures Image: Constraint of the second sec	• at 690 V / rated value	А	100,000
• with high demand rate / according to SN 31920 % 40 • with low demand rate / according to SN 31920 % 40 Failure rate (FIT value) / with low demand rate / according to SN FIT 50	Safety:		
with low demand rate / according to SN 31920 % 40 Failure rate (FIT value) / with low demand rate / according to SN FIT 50	Proportion of dangerous failures		
Failure rate (FIT value) / with low demand rate / according to SN FIT 50	• with high demand rate / according to SN 31920	%	40
	• with low demand rate / according to SN 31920	%	40
	· · · · · · ·	FIT	50
B10 value / with high demand rate / according to SN 31920 50,000	B10 value / with high demand rate / according to SN 31920		50,000
T1 value / for proof test interval or service life / according to IEC a 10 61508 a 10		а	10

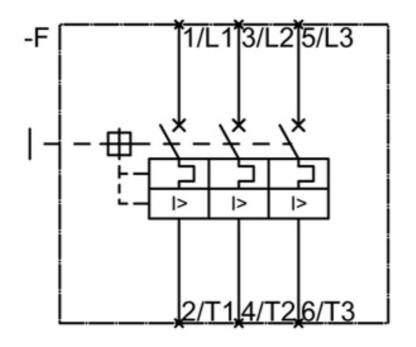
Installation/mounting/dimensions:				
Type of mounting		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715		
mounting position		any		
Depth	mm	96		
Height	mm	97		
Width	mm	45		
Connections:				
Arrangement of electrical connectors / for main current circuit	_	Top and bottom		
Design of the electrical connection				
for main current circuit		screw-type terminals		
Type of the connectable conductor cross-section				
for main contacts				
• solid		2x (0.75 2.5 mm²), 2x 4 mm²		
finely stranded				
 with conductor end processing 		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 for AWG conductors / for main contacts 		2x (18 14), 2x 12		
UL/CSA ratings:				
yielded mechanical performance (hp)				
 for three-phase squirrel cage motors 				
• at 460/480 V / rated value	hp	0.5		
• at 575/600 V / rated value	hp	0.5		
Operating current (FLA) / for three-phase squirrel cage motors				
• at 480 V / rated value	А	1.1		
• at 600 V / rated value	А	0.9		

Certificates/approvals:

General Product Ap	General Product Approval		For use in hazardous locations	Declaration of Co	Declaration of Conformity	
(SA)	GOST		Ex ATEX	EG-Konf.		
Test Certificates						
other	Special Test Certificate	<u>Type Test</u> Certificates/Test <u>Report</u>				
Shipping Approval						
ABS	BUREAU VERITAS		G L C	Lloyd's Register Lrs	PRS	
Shipping Approval		other				
RINA	RMRS	UDE VDE	<u>other</u>			
Further informatio	n:					
Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/industrial-controls/catalogs						
Industry Mall (Online http://www.siemens.co		/mall				
Cax online generator http://www.siemens.co						
		Characteristics, FAQs V/view/en/3RV2011-0KA				
	-	nension drawings, 3D r /cax_en.aspx?mlfb=3RV		t diagrams,)		







last change:

Feb 14, 2013