SIEMENS

Data sheet

3RV2711-1AD10



CIRCUIT-BREAKER SZ S00, FOR PLANT PROTECTION, WITH APPROBATION CIRCUIT-BREAKER UL 489. CSA C22.2 NO.5-02. A-RELEASE 1.6 A, N-RELEASE 21 A, SCREW CONNECTION, STANDARD SW. CAPACITY

	SIRIUS		
	3RV2 circuit breaker		
W	6		
V	690		
	25g / 11 ms		
kV	6		
	100 000		
	100 000		
	100 000		
°C	-20 +60		
	IP20		
	IP20		
	Q		
	3		
V	690		
	V		

50 60 250 550 750 1 100 15 0 0 0 0 Ves
550 750 1 100 15 0 0 0
550 750 1 100 15 0 0 0
550 750 1 100 15 0 0 0
750 1 100 15 0 0 0
1 100 15 0 0 0
15 0 0 0 0
0 0 0 0
0 0 0 0
0 0
0 0
0 0
0
0
Yes
thermal
100
100
100
100
100
100
100
100
65 000
10
10
10

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 500 V	gL/gG 20 A
• at 690 V	gL/gG 16 A

mounting position		any
Mounting type		screw and snap-on mounting onto 35 mm standard
		mounting rail according to DIN EN 60715
Height	mm	144
Width	mm	45
Depth	mm	97
Required spacing		
 with side-by-side mounting 		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	50
— downwards	mm	50
— at the side	mm	0
 for grounded parts 		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	50
— at the side	mm	30
— downwards	mm	50
• for live parts		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	50
— downwards	mm	50
— at the side	mm	30
connections/ Terminals:		
Type of electrical connection		
• for main current circuit		screw-type terminals
Arrangement of electrical connectors for main current circuit		Top and bottom
Product function		
 removable terminal for auxiliary and control 		No

• for main contacts

Type of connectable conductor cross-section

circuit

 — single or multi-stranded 	10 mm², max. 2x 10 mm²		
 finely stranded with core end processing 		1 16 mm², max. 6 + 16 mm²	
 for AWG conductors for main contacts 		2x 14	
Tightening torque	-		
 for main contacts with screw-type terminals 	N∙m	2.5 3	
Design of screwdriver shaft		Diameter 5 to 6 mm	
Design of the thread of the connection screw			
• for main contacts		M4	
Safety related data:			
B10 value with high demand rate acc. to SN 31920		50 000	
Proportion of dangerous failures	-		
 with low demand rate acc. to SN 31920 	%	40	
 with high demand rate acc. to SN 31920 	%	40	
Failure rate [FIT] with low demand rate acc. to SN 31920	FIT	50	
T1 value for proof test interval or service life acc. to IEC 61508	У	10	
Protection against electrical shock		finger-safe	
Mechanical data:			
Size of the circuit-breaker		S00	
Ambient conditions:			
Installation altitude at height above sea level	m	2 000	
maximum			
Ambient temperature			
 during operation 	°C	-20 +60	
• during storage	°C	-50 +80	
 during transport 	°C	-50 +80	
Relative humidity during operation	%	10 95	
Display:			
Display version			
 for switching status 		Handle	
Certificates/ approvals:			

General Produc	t Approval		Declaration of Conformity	Test Certificates	
(SA) CSA		EHC	EG-Konf.	<u>Type Test</u> Certificates/Test <u>Report</u>	Special Test Certificate
Shipping Approv	val				
ABS	BUREAU VERITAS	GL GL	Lloyd's Register Irs	PRS	RINA
Shipping	other				
Approval					
RMRS	Environmental Confirmations	Confirmation		<u>other</u>	

Further information

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

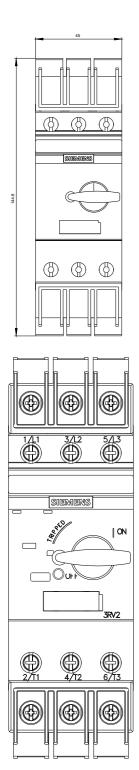
Industry Mall (Online ordering system) http://www.siemens.com/industrymall

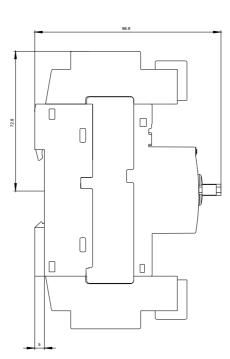
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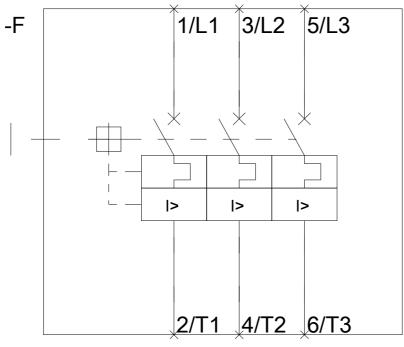
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV27111AD10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RV27111AD10/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV27111AD10&lang=en







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