SIEMENS

Product data sheet 3RV6311-1JC10

CIRCUIT-BREAKER SZ S00,
RATED CURRENT 10A, N-RELEASE 130A,
FOR STARTER COMBINATION,
SCREW CONNECTION, STANDARD SW. CAPACITY

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		No
• phase disturbance recognition		No
• 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

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Installation altitude / at a height over sea level / maximum	m	2,000
Resistance against shock		25g / 11 ms
Ambient temperature		
• during transport	°C	-50 … +80
• during storage	°C	-50 … +80
• during operating	°C	-20 … +60
Active power loss / total / typical	W	8.7

Main circuit:		
Operating voltage / rated value	V	690
Service power / at AC-3 / at 400 V / rated value	kW	4
Operating current / at AC-3 / at 400 V / rated value	A	10
Mechanical operating cycles as operating time / of the main contacts / typical		100,000
Frequency of operation / at AC-3 / according to IEC 60947-6-2	1/h	15

Auxiliary circuit:		
Number of changeover contacts / for auxiliary contacts		0

Protective and monitoring functions:		
Breaking capacity limit short-circuit current (Icu)		
• at 400 V / rated value	kA	100
• at 500 V / rated value	kA	42
• at 690 V / rated value	kA	6

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	91
Height	mm	97
Width	mm	45

Connections/ terminals:		
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)

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• for AWG conductors / for main contacts	2x (18 ... 14), 2x 12

Certificates/ approvals:

General Product Approval	other	
EAC	other	Environmental Confirmations

Further information:

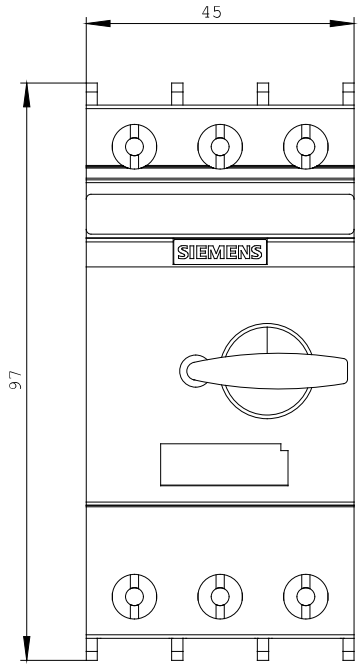
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

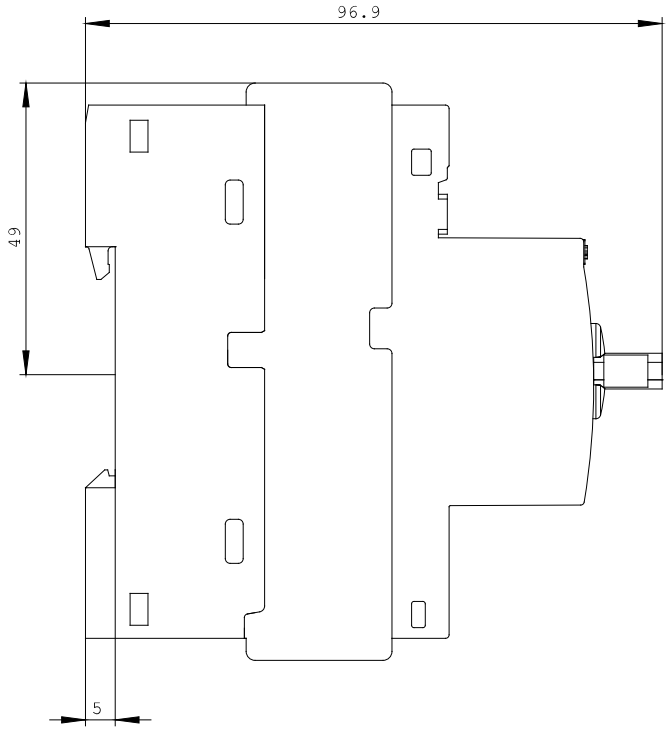
Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

Cax online generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RV6311-1JC10/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV6311-1JC10





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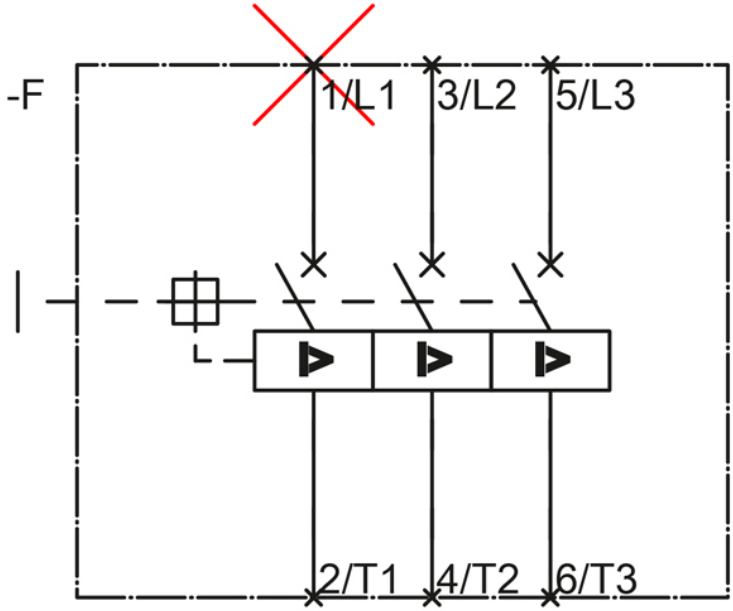

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