



CIRCUIT-BREAKER SIZE S00, FOR FUSE MONITORING, SCREW TERMINAL, A-REL. 0.2A, N-REL. 1.2A

Figure similar

product brand name		SIRIUS
Product designation		circuit breaker
Design of the product		for fuse monitoring

### General technical data:

<b>Shock resistance</b>		25g / 11 ms
<b>Surge voltage resistance Rated value</b>	V	6 000
<b>Mechanical service life (switching cycles)</b>		
• of the main contacts typical		100 000
<b>Protection class IP</b>		
• on the front		IP20
<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		Q

### Main circuit:

<b>Number of poles for main current circuit</b>		3
<b>Operating voltage</b>		
• Rated value	V	690
• at AC-3 Rated value maximum	V	690
<b>Operating current</b>		
• at AC-3		
— at 400 V Rated value	A	0.2
<b>Operating frequency</b>		
• at AC-3 maximum	1/h	15

### Auxiliary circuit:

<b>Number of CO contacts</b>		
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• for auxiliary contacts		0
<b>Product expansion Auxiliary switch</b>		Yes
<b>Protective and monitoring functions:</b>		
<b>Trip class</b>		CLASS 10
<b>Maximum short-circuit current breaking capacity (I<sub>cu</sub>)</b>		
• with AC at 240 V Rated value	kA	100
• with AC at 400 V Rated value	kA	100
• with AC at 500 V Rated value	kA	100
• with AC at 690 V Rated value	kA	100
<b>Short-circuit:</b>		
<b>Design of the overcurrent release and short-circuit release</b>		thermomagnetic
<b>Installation/ mounting/ dimensions:</b>		
<b>mounting position</b>		any
<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Height</b>	mm	90
<b>Width</b>	mm	45
<b>Depth</b>	mm	81
<b>Required spacing</b>		
• with side-by-side mounting		
— Backwards	mm	0
— at the side	mm	0
<b>Connections/ Terminals:</b>		
<b>Type of electrical connection</b>		
• for main current circuit		screw-type terminals
• for auxiliary and control current circuit		screw-type terminals
<b>Arrangement of electrical connectors for main current circuit</b>		front side
<b>Product function</b>		
• removable terminal for auxiliary and control circuit		No
<b>Type of connectable conductor cross-section</b>		
• for main contacts		
— solid		2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
— stranded		2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
— finely stranded with core end processing		2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
• for AWG conductors for main contacts		2x (18 ... 14)
<b>Safety related data:</b>		
<b>Protection against electrical shock</b>		finger-safe

### Mechanical data:

Size of the circuit-breaker S00

### Ambient conditions:

Installation altitude at height above sea level maximum m 2 000

#### Ambient temperature

- during operation °C -20 ... +60
- during storage °C -50 ... +80
- during transport °C -50 ... +80

### Certificates/ approvals:

General Product Approval	Test Certificates	Shipping Approval
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[Special Test Certificate](#)



Shipping Approval	other
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[Environmental Confirmations](#)

[Declaration of Conformity](#)

[Confirmation](#)



[other](#)

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

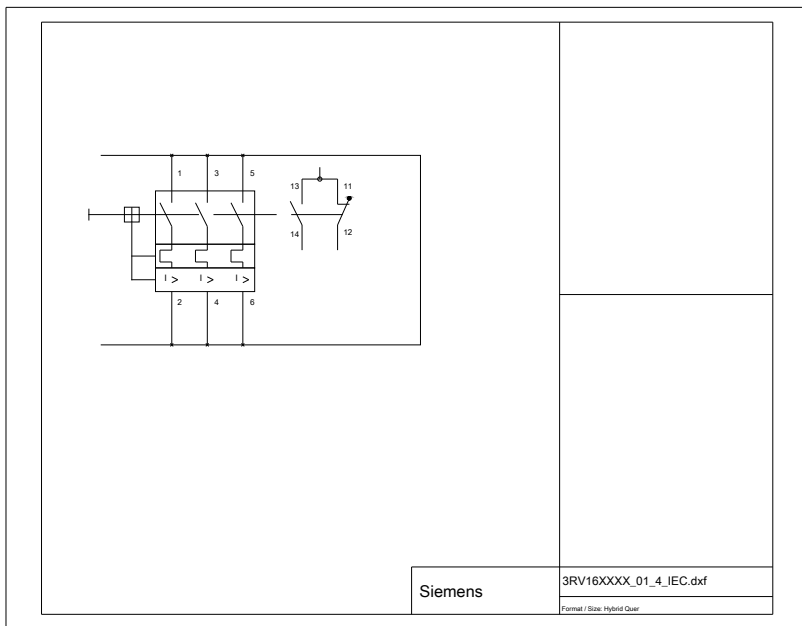
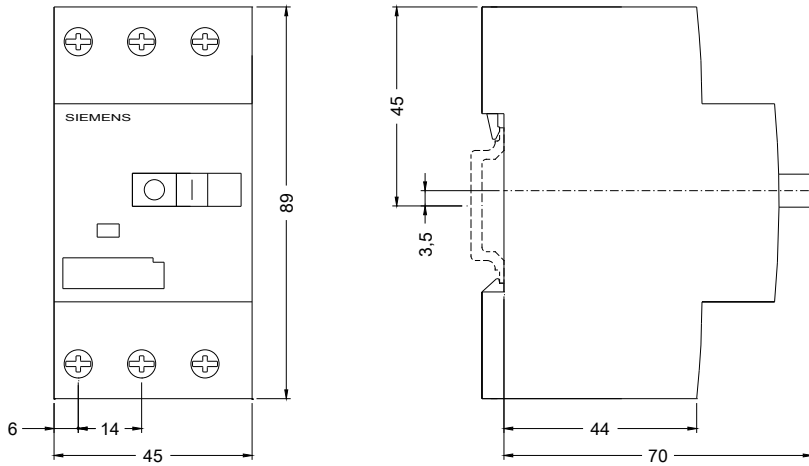
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV16110BD10>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3RV16110BD10/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=3RV16110BD10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV16110BD10&lang=en)



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