SIEMENS

Data sheet 3RV1611-0BD10



Figure similar

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

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

General technical data:	
Surge voltage resistance Rated value	6 000 V
Mechanical service life (switching cycles)	
• of the main contacts typical	100 000
Protection class IP	
• on the front	IP20
Equipment marking	
• acc. to DIN EN 61346-2	Q

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

Auxiliary circuit:	
Number of CO contacts	
• for auxiliary contacts	0

Changes preserved
© Copyright Siemens AG

Product expansion Auxiliary switch	Yes

Protective and monitoring functions:	
Trip class	CLASS 10
Maximum short-circuit current breaking capacity (Icu)	
• with AC at 240 V Rated value	100 kA
• with AC at 400 V Rated value	100 kA
• with AC at 500 V Rated value	100 kA
• with AC at 690 V Rated value	100 kA

Short-circuit:	
Design of the overcurrent release and short-circuit release	thermomagnetic

Installation/ mounting/ dimensions:	
mounting position	any
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Height	90 mm
Width	45 mm
Depth	81 mm
Required spacing	
• with side-by-side mounting	
— Backwards	0 mm
— at the side	0 mm

Connections/ Terminals:	
Product function	
• removable terminal for auxiliary and control circuit	No
Type of electrical connection	
• for main current circuit	screw-type terminals
• for auxiliary and control current circuit	screw-type terminals
Arrangement of electrical connectors for main current circuit	front side
Type of connectable conductor cross-section	
• for main contacts	
— solid	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
— stranded	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
— finely stranded with core end processing	2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)
• for AWG conductors for main contacts	2x (18 ... 14)

Safety related data:	
Protection against electrical shock	finger-safe

Mechanical data:	
Size of the circuit-breaker	S00

Changes preserved
© Copyright Siemens AG

Ambient conditions:

Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
• during transport	-50 ... +80 °C

Certificates/ approvals:

General Product Approval			Test Certificates	Shipping Approval	
CCC	CSA	EAC	Special Test Certificate	ABS	RINA

Shipping Approval	other				
RMRS	Environmental Confirmations	Declaration of Conformity	Confirmation	VDE	other

Further information

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

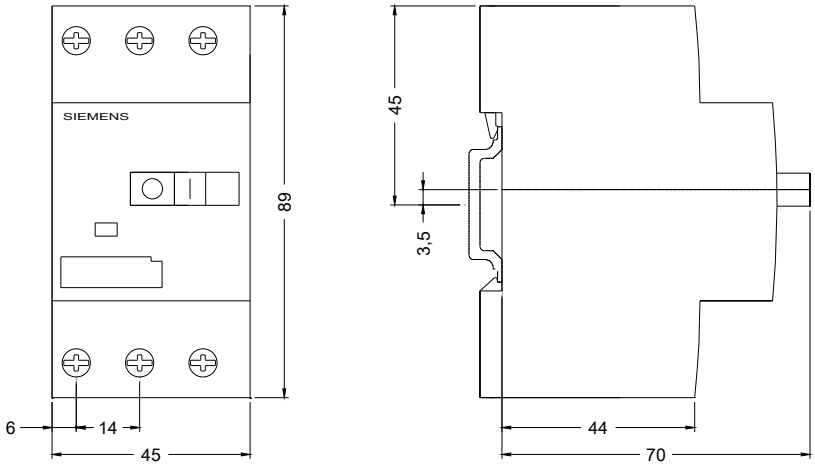
Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

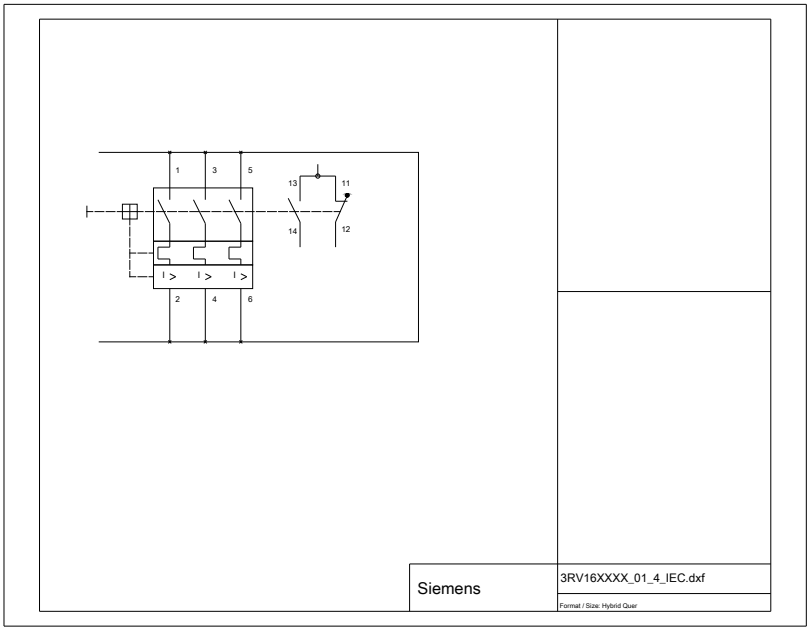
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV16110BD10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV16110BD10

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

Changes preserved
© Copyright Siemens AG





last modified: 27.04.2015

Changes preserved
© Copyright Siemens AG