



CIRCUIT-BREAKER FOR VOLTAGE TRANSFORMER,
1CO, S00, 3A

Figure similar

product brand name		SIRIUS
Product designation		Circuit breaker for distance relay
Design of the product		for distance relay

General technical data:

Shock resistance		15g / 11 ms
Surge voltage resistance Rated value	V	6 000
Mechanical service life (switching cycles)		
• of the main contacts typical		10 000
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
Adjustable response value current of the current-dependent overload release	A	3 ... 3
Operating voltage		
• Rated value	V	400
• at AC-3 Rated value maximum	V	400
Operating frequency		
• at AC-3 maximum	1/h	15

Auxiliary circuit:






Number of CO contacts		
• for auxiliary contacts		1

Product expansion Auxiliary switch		Yes
Design of the auxiliary switch		integrated, transverse
Protective and monitoring functions:		
Maximum short-circuit current breaking capacity (I_{cu})		
• with AC at 240 V Rated value	kA	100
• with AC at 400 V Rated value	kA	50
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	mm	90
Width	mm	45
Depth	mm	75
Required spacing		
• with side-by-side mounting		
— Backwards	mm	0
— at the side	mm	0
Connections/ Terminals:		
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
Product function		
• removable terminal for auxiliary and control circuit		No
Type of connectable conductor cross-section		
• for main contacts		
— solid		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
— stranded		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
— finely stranded with core end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• for auxiliary contacts		
— solid		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
— finely stranded with core end processing		2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
Safety related data:		
Protection against electrical shock		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
 CCC	 Special Test Certificate	 ABS  RINA  RMRS

other

[other](#)

[Environmental Confirmations](#)

[Confirmation](#)

[Declaration of Conformity](#)



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

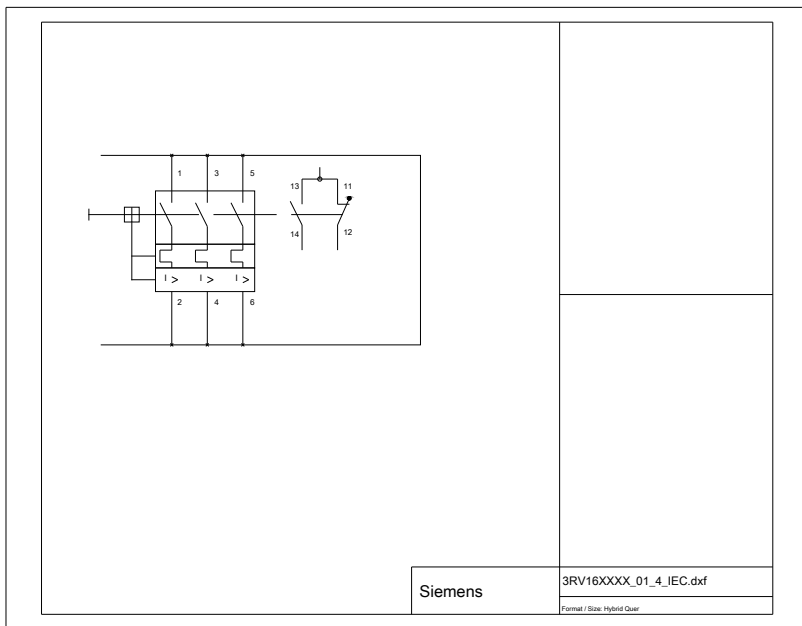
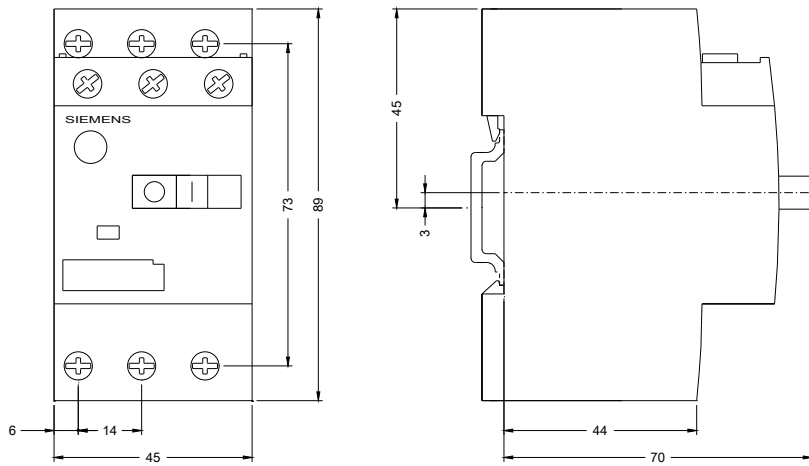
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV16111DG14>

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

<http://support.automation.siemens.com/WW/view/en/3RV16111DG14/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=3RV16111DG14&lang=en



Siemens 3RV16XXXX_01_4_JEC.dxf
 Format / Size: Hybrid Dwg

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