

CIRCUIT-BREAKER, SIZE S0, FOR MOTOR PROTECTION,
CLASS 10, A REL.9...12,5 A, N REL.163 A, SCREW CONNECTION,
STANDARD BREAKING CAPACITY W. TRANSV. AUX. SWITCH
1NO/1NC



Figure similar

product brand name	SIRIUS
Product designation	circuit breaker
Design of the product	for motor protection

General technical data:

Product expansion	
• Auxiliary switch	Yes
Active power loss total typical	7 W
Surge voltage resistance Rated value	6 000 V
Protection class IP	
• on the front	IP20
Shock resistance	25g / 11 ms
Mechanical service life (switching cycles)	
• of the main contacts typical	100 000

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

Main circuit:

Adjustable response value current of the current-dependent overload release	9 ... 12.5 A
Operating voltage	
• Rated value	690 V
• at AC-3 Rated value maximum	690 V
Operating current	
• at AC-3	
— at 400 V Rated value	12.5 A
Operating power	
• at AC-3	
— at 400 V Rated value	5.5 kW
Operating frequency	
• at AC-3 maximum	15 1/h

Auxiliary circuit:

Design of the auxiliary switch	transverse
Number of CO contacts	
• for auxiliary contacts	0
Operating current of the auxiliary contacts at AC-15	
• at 24 V	2 A
• at 230 V	0.5 A
Operating current of the auxiliary contacts at DC-13	
• at 24 V	1 A
• at 60 V	0.15 A

Short-circuit protection

Design of the overcurrent release and short-circuit release	thermomagnetic
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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	97 mm
Width	45 mm
Depth	96 mm
Required spacing	
• with side-by-side mounting	
— Backwards	0 mm
— at the side	0 mm

Certificates/ approvals:

General Product Approval	For use in hazardous locations
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CCC



CSA



UL



ATEX



IECEX

Declaration of Conformity	Test Certificates	Shipping Approval	other
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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

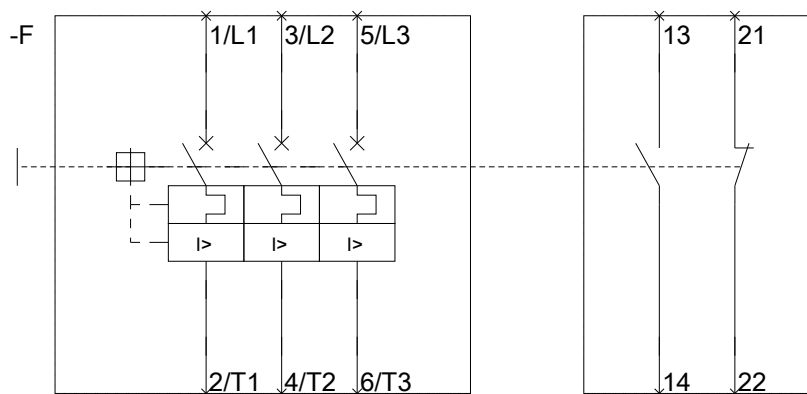
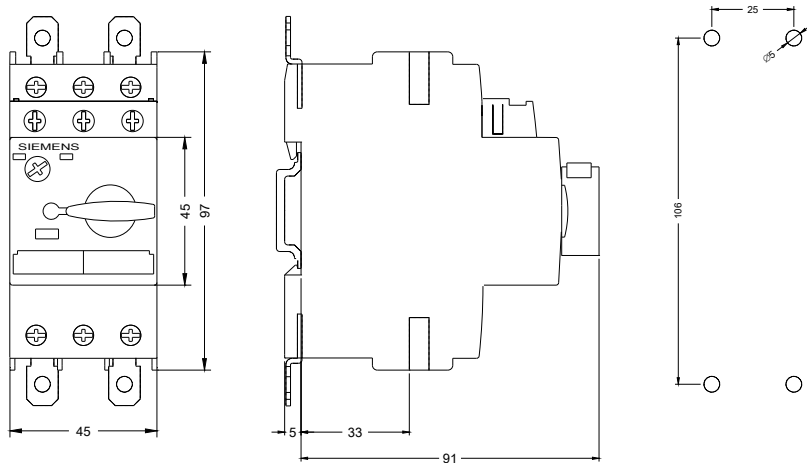
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV10211KA15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV10211KA15>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV10211KA15&lang=en



last modified:

10.08.2015