

MOTOR STARTER PROTECTOR S. S00, FOR MOTOR PROTECTION, CLASS 10 A-REL.1.8...2.5A, N-REL. 33A, CAGE CLAMP TERMINAL, STANDARD SWITCHING CAPACITY MULTI-UNIT PACKAGING 1 PACK = 24 UNITS



Figure similar

product brand name	SIRIUS
Product designation	circuit breaker
Design of the product	for motor protection
General technical data	
Product extension	
• Auxiliary switch	Yes
Power loss [W] total typical	6 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

Number of poles for main current circuit	3
Adjustable pick-up value current of the current-dependent overload release	1.8 ... 2.5 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	2.5 A
Operating power	
• at AC-3	
— at 400 V rated value	0.75 kW
Operating frequency	
• at AC-3 maximum	15 1/h

Auxiliary circuit

Number of CO contacts	
• for auxiliary contacts	0

Protective and monitoring functions

Trip class	CLASS 10
Maximum short-circuit current breaking capacity (Icu)	
• at AC at 240 V rated value	100 kA
• at AC at 400 V rated value	100 kA
• at AC at 500 V rated value	10 kA
• at AC at 690 V rated value	2 kA

Short-circuit protection

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 - for auxiliary and control current circuit	spring-loaded terminals spring-loaded terminals
Arrangement of electrical connectors for main current circuit	front side
Type of connectable conductor cross-sections - for main contacts — solid — finely stranded with core end processing — finely stranded without core end processing - at AWG conductors for main contacts	2x (0.25 ... 2.5 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 2.5 mm ²) 2x (24 ... 14)

Certificates/approvals

General Product Approval



For use in hazardous locations

Declaration of Conformity



EG-Konf.

Test Certificates

[spezielle Prüfbescheinigungen](#)

Shipping Approval



Shipping Approval

other



[Umweltbestätigung](#)

[sonstig](#)

[Bestätigungen](#)



Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV1011-1CA20-Z W97>

Cax online generator

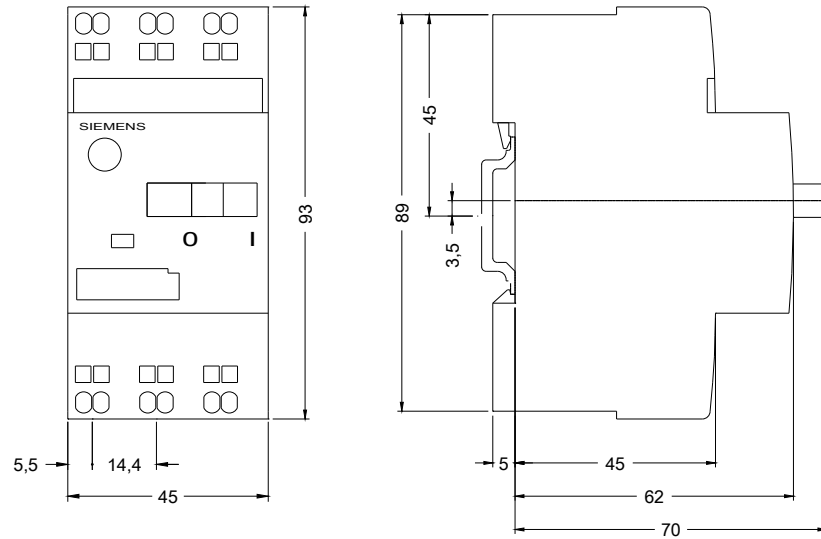
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV1011-1CA20-Z W97>

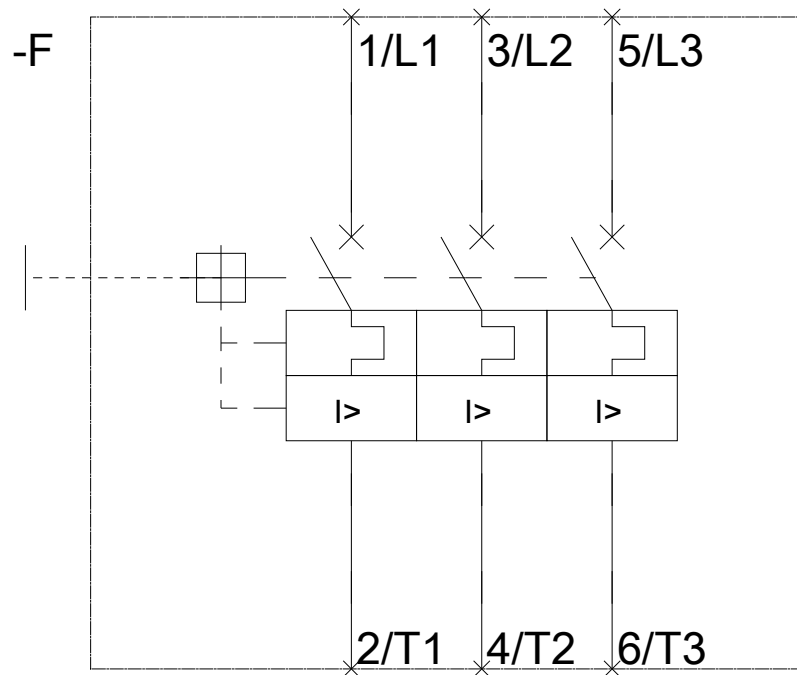
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RV1011-1CA20-Z W97>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV1011-1CA20-Z W97&lang=en





last modified:

09/20/2016