



Figure similar

RES.CUR.OP.CIRCUIT BREAKER TYPE A 40A 3+N-
POLE 100MA 400V 4MW THERMAL OVERLOAD
PROTECTION POSSIBLE UP TO RATED CURRENT

Model		
product brand name		SENTRON
Product designation		RCCB
Design of the product		Instantaneous
Product variations		With thermal overload protection
General technical data		
Number of poles		4
Size of installation devices / acc. to DIN 43880		1
Protection against electrical shock		Finger and back-of-hand safe
Short-circuit current rating	kA	10
circuit-breaker / Design		5SV3
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		III
Supply voltage		
Supply voltage		
• with AC / Rated value	V	400
• for testing equipment / minimum	V	195
Protection class		
Protection class IP		IP20, if the distribution board is installed, with connected conductors
Switching capacity		
Switching capacity current		
• acc. to EN 60898 / Rated value	kA	0.8

Dissipation		
Active power loss		
for rated value of the current / with AC / in hot operating state / per pole	W	3.9
Electricity		
Tripping residual current / Rated value	mA	100
rated current I _n / IEC, DIN/VDE / at 40 °C	A	40
Type of fault current		A
Current / with AC / Rated value	A	40
Surge current resistance / Rated value	kA	1
Product details		
Product property		
halogen-free		Yes
silicon-free		Yes
Product expansion / can be installed / supplementary devices		Yes
Number		
Number of test cycles / for environmental testing / acc. to IEC 60068-2-30		28
Connections		
Connectable conductor cross-section / stranded		
minimum	mm ²	0.75
maximum	mm ²	35
Connectable conductor cross-section / solid		
minimum	mm ²	0.75
maximum	mm ²	35
Tightening torque / with screw-type terminals		
minimum	N·m	2.5
maximum	N·m	3
Position / of power supply cord		top or bottom
Mechanical Design		
Height	mm	90
Width	mm	72
Depth	mm	70
mounting position		any
Installation depth	mm	70
Number of width units		4
Mounting type		DIN rail (REG)
Environmental conditions		
Ambient temperature		
minimum	°C	-25

- maximum
- during storage / minimum permissible
- during storage / maximum permissible

°C	45
°C	-40
°C	75

Certificates

Equipment marking

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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General Product Approval

Declaration of Conformity



ÖVE



EG-Konf.

Further information

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

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SV34446LA>

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

<http://support.automation.siemens.com/WW/view/en/5SV34446LA/all>

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

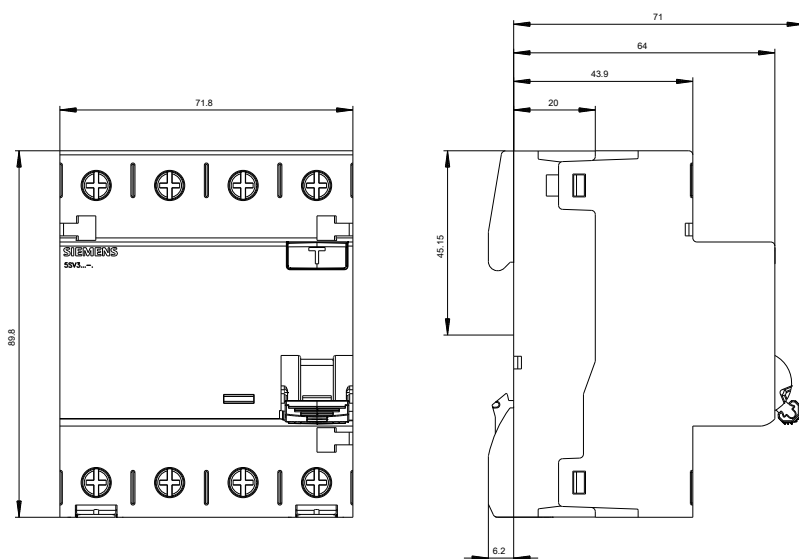
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV34446LA

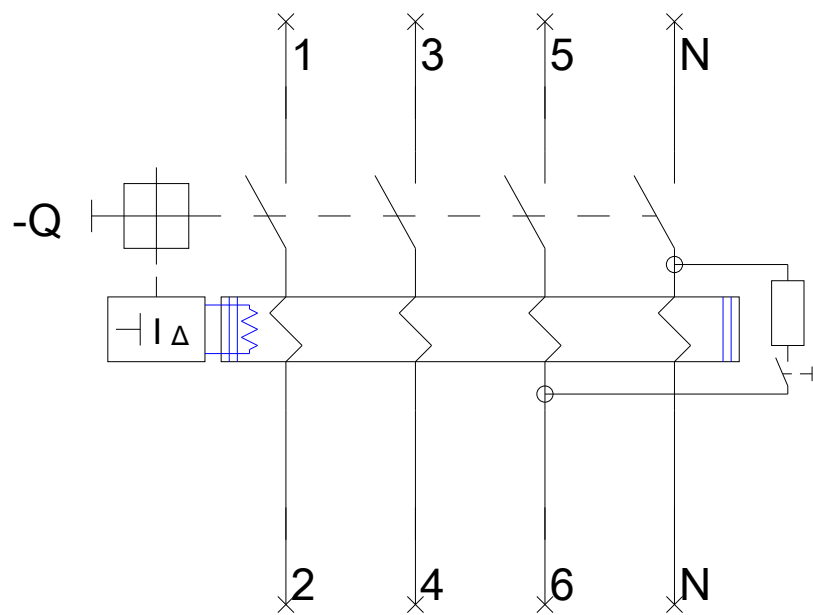
CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>





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