



Figure similar

RES.CUR.OP.CIRCUIT BREAKER TYPE AC 40A 3+N-
POLE 30MA 400V 4MW

Model		
product brand name		SENTRON
Product designation		RCCB
Design of the product		Instantaneous
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		5SV4
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	30
rated current I_n / IEC, DIN/VDE / at 40 °C	A	40
Type of fault current		AC
Current / with AC / Rated value	A	40

Product details

Product property • halogen-free • silicon-free		Yes
		Yes
Product expansion / can be installed / supplementary devices		Yes

Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30		28
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Connections

Connectable conductor cross-section / stranded • minimum • maximum	mm ²	0.75
	mm ²	35
Connectable conductor cross-section / solid • minimum • maximum	mm ²	0.75
	mm ²	35
Tightening torque / with screw-type terminals • minimum • maximum	N·m	2.5
	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)
Net weight	g	350

Environmental conditions

Ambient temperature • minimum • maximum	°C	-25
	°C	45

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

°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



General Product Approval

Declaration of Conformity

[other](#)



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/5SV43440>

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

<http://support.automation.siemens.com/WW/view/en/5SV43440/all>

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

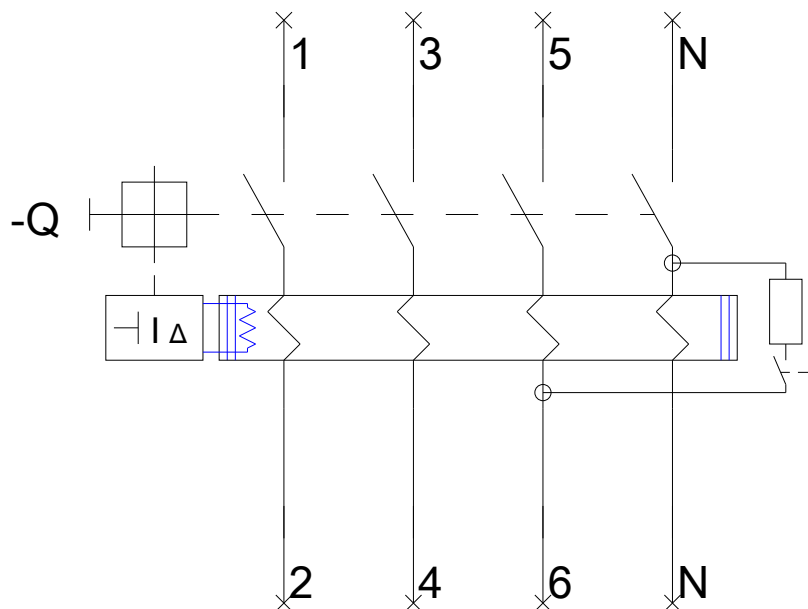
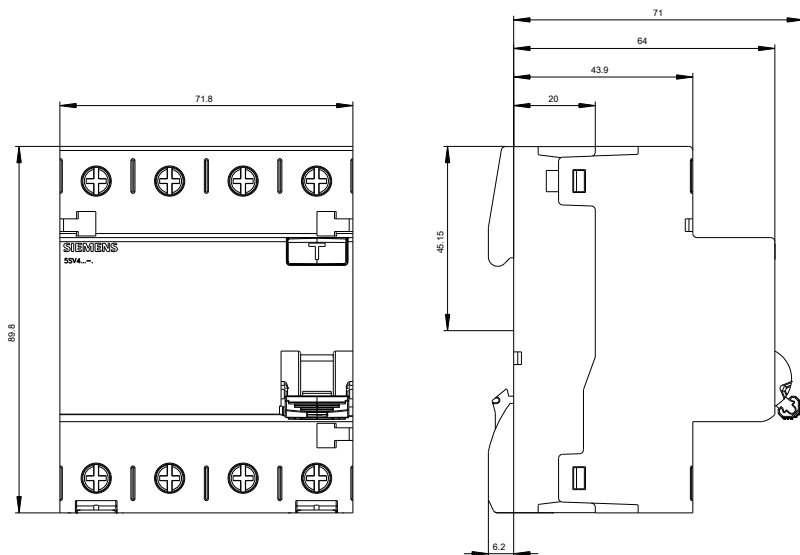
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV43440

CAX-Online-Generator

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

Tender specifications

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



last modified:

05.05.2015