



Figure similar

RES.CUR.OP.CIRCUIT BREAKER TYPE A 80A 1+N-
POLE 100MA 230V 2MW N-LEFT

Model		
product brand name		SENTRON
Product designation		RCCB
Design of the product		Instantaneous
Product variations		N left
General technical data		
Number of poles		2
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	230
• 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	80
Type of fault current		A
Current / with AC / Rated value	A	80
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	36
Depth	mm	70
mounting position		any
Installation depth	mm	70
Number of width units		2
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

F
F

General Product Approval

Declaration of Conformity



ÖVE



[other](#)



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/5SV34176KL>

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

<http://support.automation.siemens.com/WW/view/en/5SV34176KL/all>

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

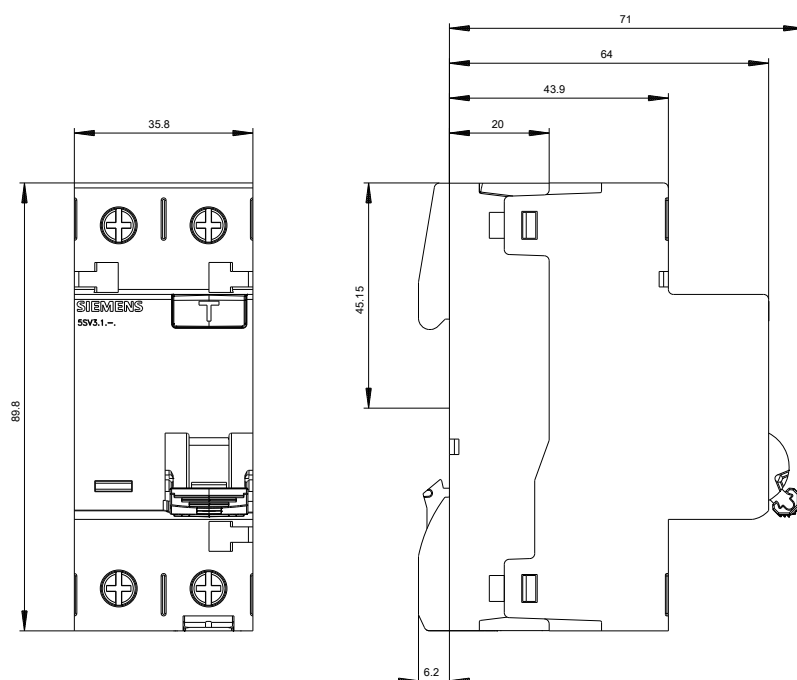
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV34176KL

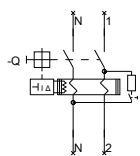
CAX-Online-Generator

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

Tender specifications

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





Siemens

5SV(3,4)x1x-x

Format / Size: Hybrid quer

last modified:

05.05.2015