

Figure similar

Model	
product brand name	SENTRON
product designation	RCBO
design of the product	Instantaneous
General technical data	
number of poles	2
number of poles with protection	1
design of pole	1P+N
tripping characteristic class	C
overvoltage category	III
degree of pollution	2
Voltage	
type of voltage of the operating voltage	AC
insulation voltage (U <sub>i</sub> ) rated value	253 V
surge voltage resistance rated value	4 000 V
surge current resistance at (8/20) μs	1 kA
tripping fault current rated value	30 mA
operational current	
• at 30 °C rated value	2 A
• at 40 °C rated value	1.9 A
• at 45 °C rated value	1.86 A
• at 50 °C rated value	1.8 A
• at 55 °C rated value	1.76 A
• at 60 °C rated value	1.7 A
• at 65 °C rated value	1.66 A
• at 70 °C rated value	1.6 A
• at AC rated value	2 A
residual current type	A
Supply voltage	
supply voltage	
• at AC rated value	230 V
• for testing equipment minimum	195 V
operating frequency	50 Hz
supply voltage frequency rated value	50 Hz
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors

Breaking Capacity	
short-circuit current breaking capacity (I <sub>cn</sub> ) according to EN 61009-1 rated value	4.5 kA
switching capacity current <ul style="list-style-type: none"> <li>• according to EN 60898 rated value</li> <li>• according to IEC 60947-2 rated value</li> </ul>	4.5 kA 5 kA
rated residual switching capacity (I <sub>Δm</sub> ) according to IEC 61009-1	4.5 kA
energy limitation class	3
Dissipation	
power loss [W] <ul style="list-style-type: none"> <li>• maximum</li> </ul>	1.3 W
Product details	
product feature <ul style="list-style-type: none"> <li>• halogen-free</li> <li>• silicon-free</li> </ul>	Yes Yes
Connections	
connectable conductor cross-section solid <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 16 mm <sup>2</sup>
connectable conductor cross-section stranded <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 16 mm <sup>2</sup>
connectable conductor cross-section finely stranded with core end processing <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 10 mm <sup>2</sup>
tightening torque with screw-type terminals <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	1.2 N·m 2 N·m
position of power supply cord	Either top or bottom
Mechanical Design	
height	90 mm
width	18 mm
depth	77 mm
installation depth	70 mm
number of modular width units	1
mounting position	any
net weight	117 g
weight with packaging	133 g
Environmental conditions	
influence of the surrounding temperature	Max. 95% humidity
ambient temperature during operation <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 45 °C
ambient temperature during storage <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 75 °C
number of test cycles for environmental testing according to IEC 60068-2-30	28
Environmental footprint	
Siemens Eco Profile (SEP)	Siemens EcoTech
Approvals Certificates	
General Product Approval	



EG-Konf.

[Confirmation](#)



IMQ



VDE



Test Certificates

other

Dangerous Good

Environment



Siemens EcoTech



[Environmental Confirmations](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SV1313-7KK02>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV1313-7KK02>

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

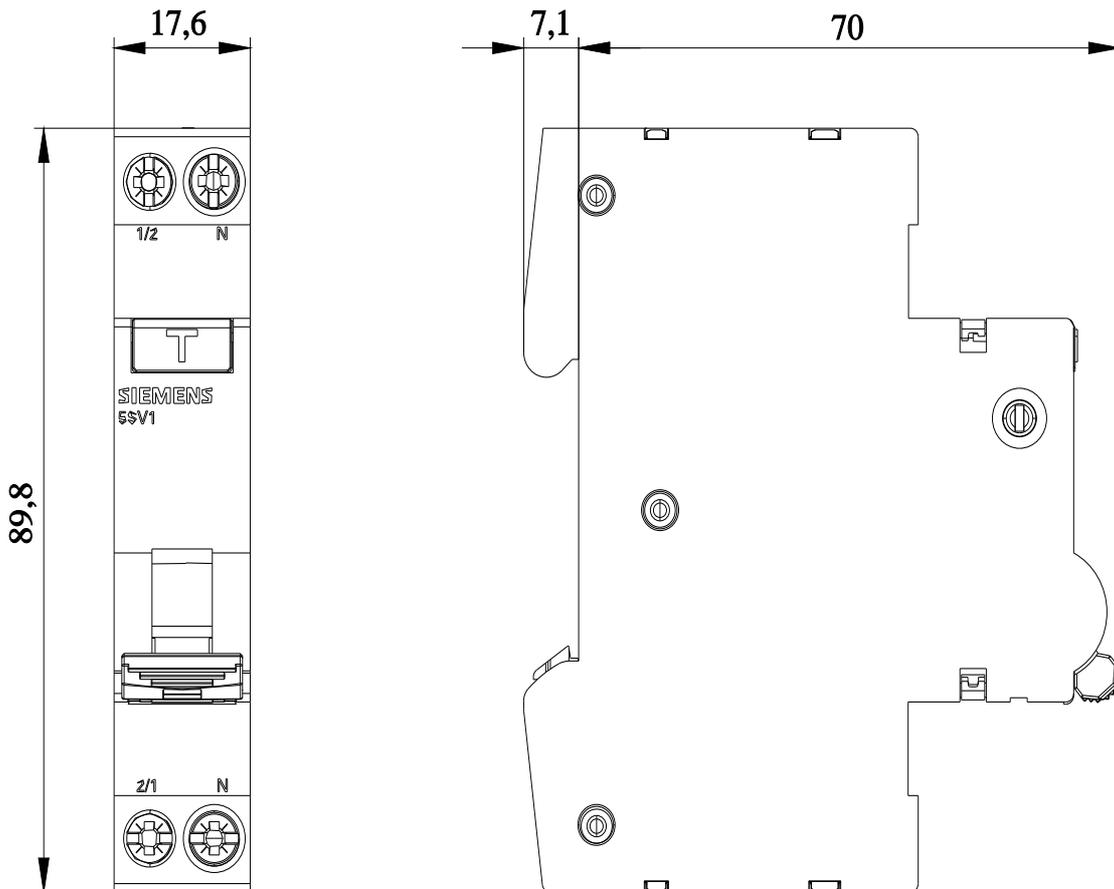
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SV1313-7KK02](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV1313-7KK02)

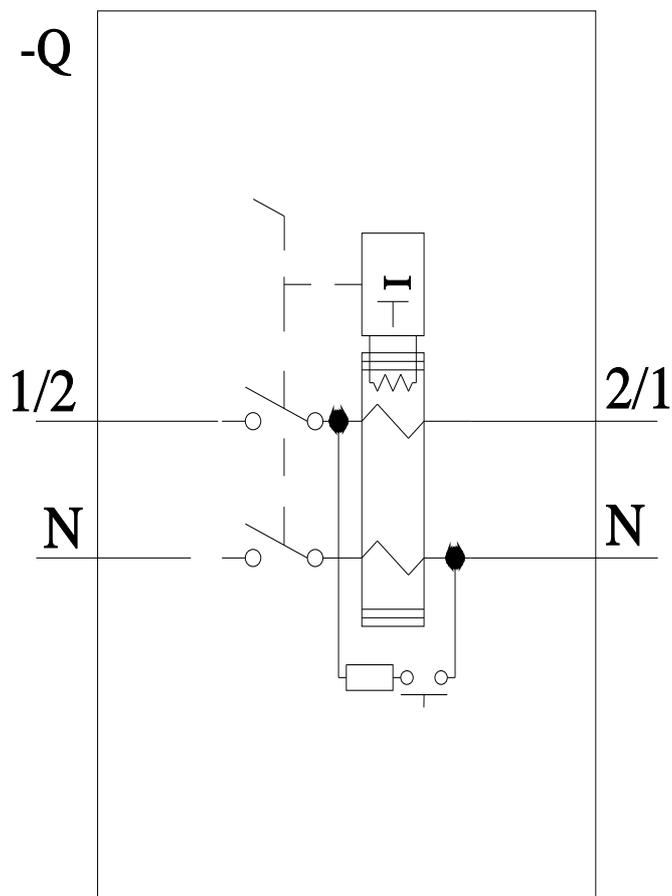
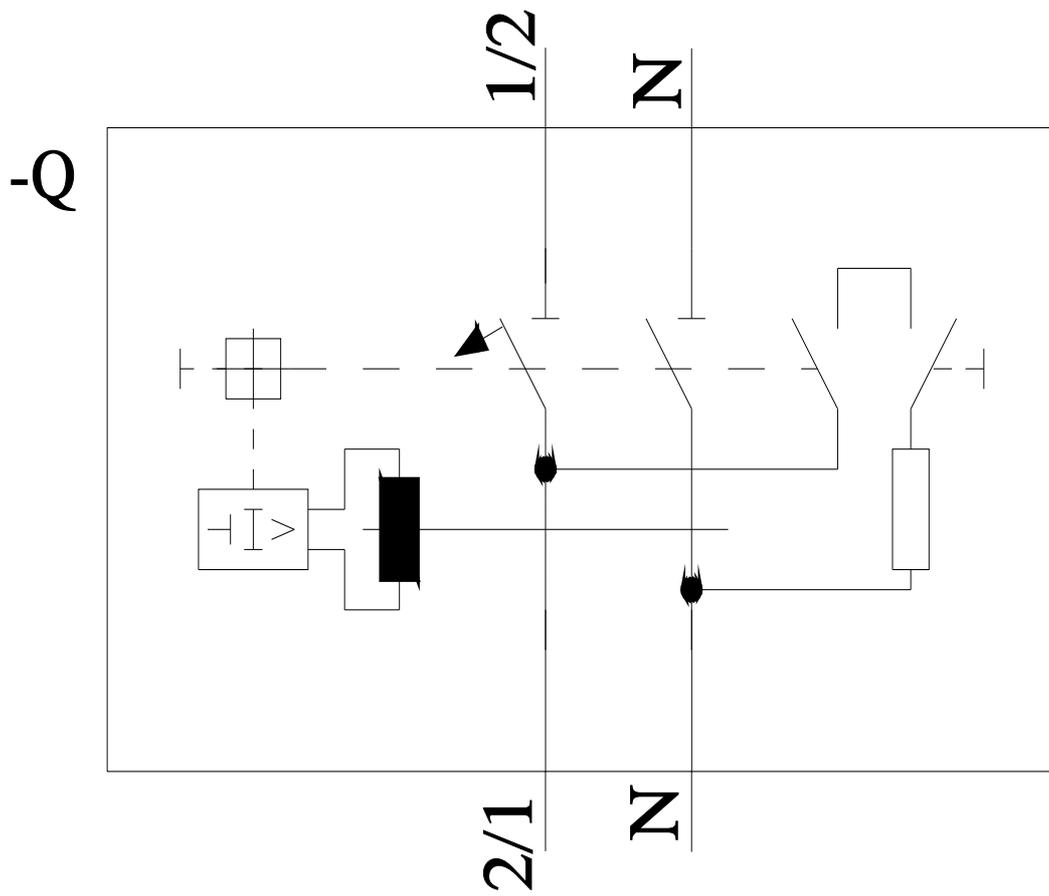
CAX-Online-Generator

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

Tender specifications

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





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