

RCCB, 4-pole, type A, In: 40 A, 100 mA, Un AC: 400 V



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	10 kA
circuit-breaker / Design	5SV3
Mechanical service life (switching cycles) / typical	10 000
Switching function / short-term delayed	No
Overvoltage category	III
Supply voltage	
Supply voltage	
<ul style="list-style-type: none"> <li>for testing equipment / minimum</li> </ul>	100 V
Supply voltage frequency	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	50 Hz

Protection class	
Protection class IP	IP20, if the distribution board is installed, with connected conductors

Switching capacity	
Switching capacity current / according to IEC 61008-1 / rated value	0.8 kA

Dissipation	
Power loss [W]	2 W
<ul style="list-style-type: none"> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	

Electricity	
Tripping residual current / rated value	100 mA
Type of fault current	A
Current / at AC / rated value	40 A
I <sup>2</sup> t-value / permissible	25 410 A <sup>2</sup> ·s
Surge current resistance / rated value	1 kA

Product details	
Product feature / silicon-free	Yes
Product extension / 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	<ul style="list-style-type: none"> <li>0.75 mm<sup>2</sup></li> <li>35 mm<sup>2</sup></li> </ul>
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	
Connectable conductor cross-section / solid	<ul style="list-style-type: none"> <li>0.75 mm<sup>2</sup></li> <li>35 mm<sup>2</sup></li> </ul>
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	
Tightening torque / with screw-type terminals	<ul style="list-style-type: none"> <li>2.5 N·m</li> <li>3 N·m</li> </ul>
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	
Position / of power supply cord	top or bottom

Mechanical Design	
Height	90 mm
Width	72 mm
Depth	70 mm
Mounting position	any
Installation depth	70 mm
Number of width units	4

Mounting type	DIN rail (REG)
Net weight	350 g

## Certificates

### Reference identifier

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

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## General Product Approval

## Declaration of Conformity



CCC



IMQ



ÖVE



VDE

[Miscellaneous](#)



EG-Konf.

## Further information

### 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=5SV3444-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV3444-6>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SV3444-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3444-6)

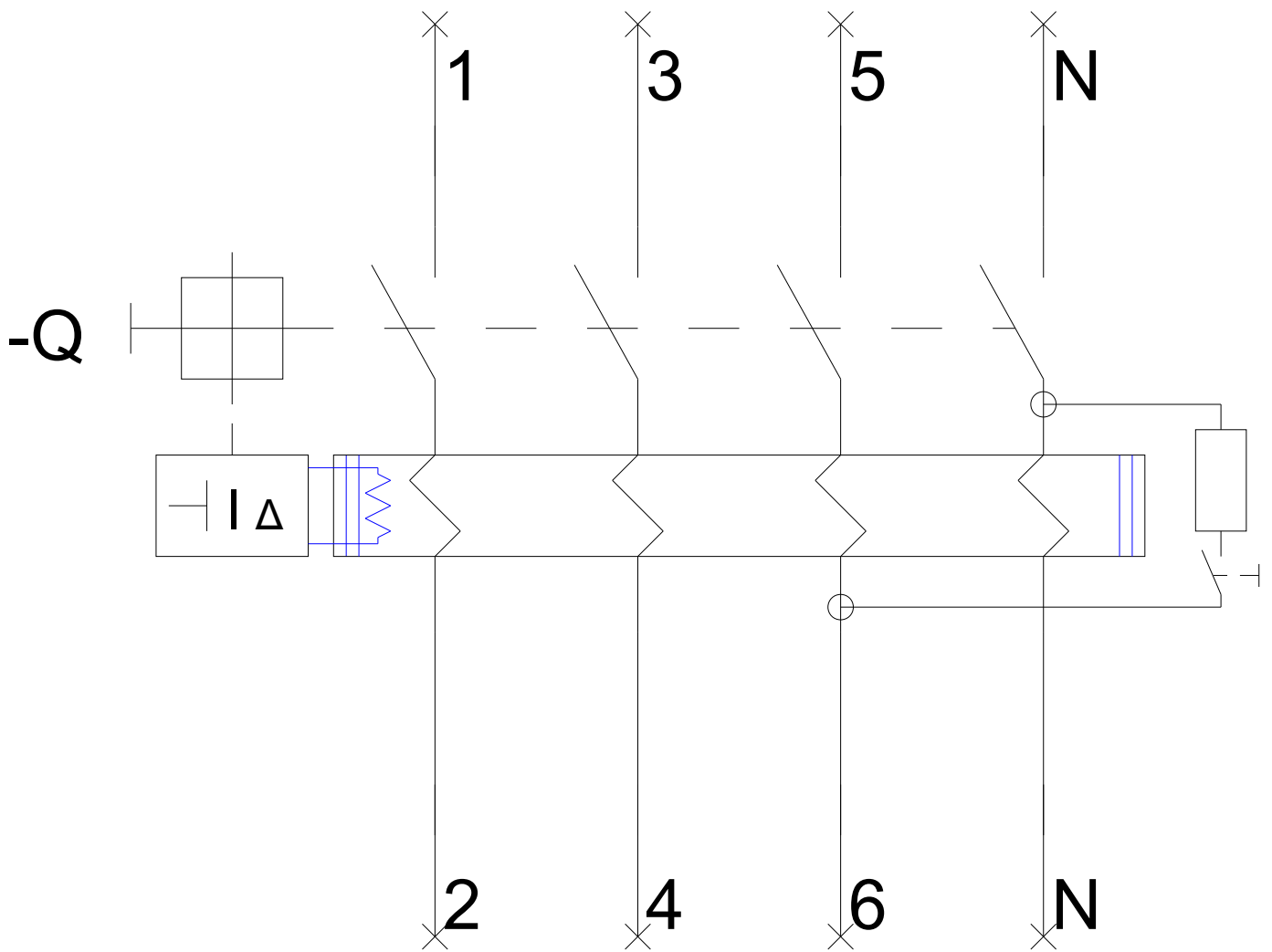
### CAX-Online-Generator

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

### Tender specifications

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





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