

RCCB, 4-pole, type AC, 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	5SV4
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	
<b>Protection class IP</b>	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	
<b>Power loss [W]</b>	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	
<b>Tripping residual current / rated value</b>	100 mA
<b>Type of fault current</b>	AC
Current / at AC / rated value	40 A
<b>I<sup>2</sup>t-value / permissible</b>	25 410 A <sup>2</sup> ·s
Product details	
Product feature / silicon-free	Yes
Product extension / can be installed / supplementary devices	Yes
Number	
<b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b>	28
Connections	
<b>Connectable conductor cross-section / stranded</b>	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	0.75 mm <sup>2</sup> 35 mm <sup>2</sup>
<b>Connectable conductor cross-section / solid</b>	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	0.75 mm <sup>2</sup> 35 mm <sup>2</sup>
<b>Tightening torque / with screw-type terminals</b>	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	2.5 N·m 3 N·m
Position / of power supply cord	top or bottom
Mechanical Design	
<b>Height</b>	90 mm
<b>Width</b>	72 mm
<b>Depth</b>	70 mm
<b>Mounting position</b>	any
<b>Installation depth</b>	70 mm
<b>Number of width units</b>	4
<b>Mounting type</b>	DIN rail (REG)

Net weight	350 g
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### Environmental conditions

<b>Ambient temperature</b>	
• minimum	-25 °C
• maximum	45 °C
• during storage / minimum permissible	-40 °C
• during storage / maximum permissible	75 °C

### Certificates

<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

<b>General Product Approval</b>	<b>Declaration of Conformity</b>
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CCC



IMQ

[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=5SV4444-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV4444-0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SV4444-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV4444-0)

**CAX-Online-Generator**

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

**Tender specifications**

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





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