

Residual current operated circuit breaker, 4-pole, Type AC, short-time delayed, In: 40 A, 30 mA, Un AC: 400 V, with rated current against overload backup fuse



Model	
Product brand name	SENTRON
Product designation	RCCB
Design of the product	Short-time delayed
Product variations	With thermal overload protection
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	Yes
Overvoltage category	III
Supply voltage	
Supply voltage	195 V
• for testing equipment / minimum	
Supply voltage frequency	

• rated value	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] • for rated value of the current / at AC / in hot operating state / per pole	1.8 W
Electricity	
Tripping residual current / rated value	30 mA
Type of fault current	AC
Current / at AC / rated value	40 A
I2t-value / permissible	44 880 A²·s
Surge current resistance / rated value	3 kA
Operating frequency	50/60Hz
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 • minimum • maximum	0.75 mm² 35 mm²
Connectable conductor cross-section / solid • minimum • maximum	0.75 mm² 35 mm²
Tightening torque / with screw-type terminals • minimum • maximum	2.5 N·m 3 N·m
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)

#### Certificates

- Reference identifier / acc. to DIN EN 61346-2
- Reference identifier / acc. to DIN EN 81346-2

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#### General Product Approval

#### Declaration of Conformity



ÖVE

[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=5SV4344-0LA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV4344-0LA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SV4344-0LA01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV4344-0LA01)

##### CAX-Online-Generator

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

##### Tender specifications

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





