

RCCB, 4-pole, type A, short- time delayed, In: 63 A, 30 mA, Un AC: 400 V



| Model | |
|--|------------------------------|
| Product brand name | SENTRON |
| Product designation | RCCB |
| Design of the product | Short-time delayed |
| 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 | Yes |
| Overvoltage category | III |
| Supply voltage | |
| Supply voltage | |
| • at AC / rated value | 400 V |
| • for testing equipment / minimum | 195 V |
| 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

3.9 W

Electricity

Tripping residual current / rated value

30 mA

rated current I_n / IEC, DIN/VDE / at 40 Cel

63 A

Type of fault current

A

Current / at AC / rated value

63 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

0.75 mm²

• maximum

35 mm²

Connectable conductor cross-section / solid

• minimum

0.75 mm²

• maximum

35 mm²

Tightening torque / with screw-type terminals

• minimum

2.5 N·m

• maximum

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) |

Environmental conditions

Ambient temperature

- minimum -25 °C
- maximum 45 °C
- during storage / minimum permissible -40 °C
- during storage / maximum permissible 75 °C

Certificates

Equipment marking

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

General Product Approval

Declaration of Conformity



[Miscellaneous](#)



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=5SV3346-6KK01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV3346-6KK01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3346-6KK01

CAX-Online-Generator

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

Tender specifications

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





