

RCCB, 2-pole, type B, short- time delayed, In: 16 A, 30 mA, Un AC: 230 V



Model	
product brandname	SENTRON
Product designation	RCCB
Design of the product	Short-time delayed
General technical data	
Number of poles	2
Size of installation devices / acc. to DIN 43880	1
Protection against electrical shock	Finger and back-of-hand safe
circuit-breaker / Design	5SM3
Mechanical service life (switching cycles) / typical	10 000
Overvoltage category	III
Supply voltage	
Supply voltage	
• at AC / rated value	230 V
• for testing equipment / minimum	195 V
Protection class	
Protection class IP	IP20, if the distribution board is installed, with connected conductors

Switching capacity

Switching capacity current

- acc. to EN 60898 / rated value 0.8 kA

Dissipation

Power loss [W]

- for rated value of the current / at AC / in hot operating state / per pole 0.4 W
- maximum 0.8 W

Electricity

Tripping residual current / rated value

30 mA

Type of fault current

B

Current / at AC / rated value

16 A

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 1.5 mm²
- maximum 25 mm²

Connectable conductor cross-section / solid

- minimum 1.5 mm²
- maximum 25 mm²

Tightening torque / with screw-type terminals

- minimum 2.5 N·m
- maximum 3 N·m

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

566 g

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



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Further information

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

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

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SM3321-4>

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

<http://support.automation.siemens.com/WW/view/en/5SM3321-4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM3321-4

CAX-Online-Generator

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

Tender specifications

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

