

## INDUSTRIAL COMPONENT DATA

# 5SM3648-6 SIEMENS Residual current operated circuit breaker, 4-pole, type A, In: 100 A, 300 mA, Un AC: 400 V

Brand: SIEMENS | Manufacturer Part Number: 5SM3648-6



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | SIEMENS                                 |
| MPN / Reference | 5SM3648-6                               |
| Catalog number  | 36486                                   |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-215087129D                           |
| Generated       | 2026-08-03                              |

## Product Overview

Residual current operated circuit breaker, 4-pole, type A, In: 100 A, 300 mA, Un AC: 400 V  
DIFFERENTIAL SWITCH TYPE A PSE/SSF 100A 3+N-POL IFN 300MA 400V 4MW. Cancellations and returns limited.  
Consult conditions.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path SIEMENS &gt; POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR &gt; Industrial differential switches from 8

## Additional Product Information

## Technical data

Residual current operated circuit breaker, 4-pole, type A, In: 100 A, 300 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 / according to DIN 43880 1

mechanical service life (switching cycles) / typical 10 000

short-circuit current rating 10 kA

switching function / short-term delayed No

overvoltage category III

**Supply voltage**

supply voltage / for testing equipment / minimum 195 V

value range / of the supply voltage frequency 50 Hz

value range / of the operating frequency 50 Hz

value range / of the supply voltage / at AC 400 V

**Protection class**

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

**Switching capacity**

switching capacity current

? according to EN 60898 / rated value 1 kA

? according to IEC 61008-1 / rated value 1 kA

**Dissipation**

power loss [W]

? for rated value of the current / at AC / in hot operating state / per pole 8.9 W

? maximum 26.7 W

**Current**

tripping fault current / rated value 300 mA

operational current

? at AC / rated value 100 A

residual current type A

surge current resistance / rated value 1 kA

**Product details**

product feature / silicon-free Yes

product extension / installable / supplementary devices Yes

**Connections**

connectable conductor cross-section / solid

? minimum 2.5 mm<sup>2</sup>? maximum 50 mm<sup>2</sup>

connectable conductor cross-section / stranded

? minimum 2.5 mm<sup>2</sup>

? maximum 50 m...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send SIEMENS / 5SM3648-6 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use  
[electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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