

## INDUSTRIAL COMPONENT DATA

# 5SM3345-6 SIEMENS Residual current operated circuit breaker, 4-pole, type A, In: 125 A, 30 mA, Un AC: 400 V

Brand: SIEMENS | Manufacturer Part Number: 5SM3345-6



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | SIEMENS                                 |
| MPN / Reference | 5SM3345-6                               |
| Catalog number  | 33456                                   |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-91041A1C17                           |
| Generated       | 2026-08-04                              |

## Product Overview

Residual current operated circuit breaker, 4-pole, type A, In: 125 A, 30 mA, Un AC: 400 V

Differential switch, 70mm, class A, 4 mod, 4-pole, 125A, 30mA. 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 > POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR > Industrial differential switches from 8 |
|--------------|---------------------------------------------------------------------------------------------------|

## Additional Product Information

## Technical data

Residual current operated circuit breaker, 4-pole, type A, In: 125 A, 30 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 100 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 1.25 kA

? according to IEC 61008-1 / rated value 1.25 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 30 mA

operational current

? at 40 °C / rated value 125 A

? at 45 °C / rated value 125 A

? at 50 °C / rated value 120 A

? at 55 °C / rated value 115 A

? at 60 °C / rated value 110 A

? at 65 °C / rated value 105 A

? at 70 °C / rated value 100 A

? at AC / rated value 125 A

residual current type A

let-through current / permissible 8 000 A

I<sub>2t</sub> value / permissible 94 000 A<sup>2</sup>·s

surge current resistance /...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SM3345-6 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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