

## INDUSTRIAL COMPONENT DATA

# 5SU1656-7KK06 SIEMENS RCBO, 6 kA, 1P+N, type A, 300 mA, C-Char, In: 6 A, Un AC: 230 V

Brand: SIEMENS | Manufacturer Part Number: 5SU1656-7KK06



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 5SU1656-7KK06                 |
| Catalog number  | 16567                         |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-A7DB1637BA                 |
| Generated       | 2026-08-06                    |

## Product Overview

RCBO, 6 kA, 1P+N, type A, 300 mA, C-Char, In: 6 A, Un AC: 230 V

Combined differential 70mm, type A (pulsating), 300mA, 6KA, 1 pole+N, curve C, 6A. 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; Tertiary differential switches up to 80

## Additional Product Information

Technical data

RCBO, 6 kA, 1P+N, type A, 300 mA, C-Char, In: 6 A, Un AC: 230 V

Model

product brand name SENTRON

product designation RCBO

design of the product Instantaneous

General technical data

number of poles 2

number of poles / with protection 1

tripping characteristic class C

mechanical service life (switching cycles) / typical 10 000

overvoltage category III

degree of pollution 2

**Voltage**

type of voltage / of the operating voltage AC

insulation voltage (Ui) / rated value 264 V

surge voltage resistance / rated value 4 000 V

surge current resistance / at (8/20)  $\mu$ s 1 kA

Supply voltage

supply voltage

? at AC / rated value 230/240 V

? for testing equipment / minimum 100 V

operating frequency 50 Hz

supply voltage frequency / rated value 50 Hz

**Protection class**

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

**Switching capacity**

breaking capacity short-circuit current (Icn) / according to EN 61009-1 / rated value 6 kA

switching capacity current

? according to EN 60898 / rated value 6 kA

? according to IEC 60947-2 / rated value 25 kA

rated residual switching capacity (I<sub>Δm</sub>) / according to IEC 61009-1 6 kA

energy limitation class 3

**Dissipation**

power loss [W]

? for rated value of the current / at AC / in hot operating state / per pole 1.9 W

? maximum 3.8 W

**Current**

tripping fault current / rated value 300 mA

operational current

? at 30 °C / rated value 6 A

? at 40 °C / rated value 5.7 A

? at 45 °C / rated value 5.58 A

? at 50 °C / rated valu...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send SIEMENS / 5SU1656-7KK06 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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