

INDUSTRIAL COMPONENT DATA

5SU1653-7KK25 SIEMENS RCBO, 4.5 kA, 1P+N, type A, 300 mA, C-Char, In: 25 A, Un AC: 230 V

Brand: SIEMENS | Manufacturer Part Number: 5SU1653-7KK25



Manufacturer	SIEMENS
MPN / Reference	5SU1653-7KK25
Catalog number	16537
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-E9D2547EA5
Generated	2026-08-06

Product Overview

RCBO, 4.5 kA, 1P+N, type A, 300 mA, C-Char, In: 25 A, Un AC: 230 V

FI/LS TYPE A PSE/SSF SWITCH IFN 300MA, 4,5KA, 1+N POL C 25A. 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 > Tertiary differential switches up to 80

Additional Product Information

Technical data

RCBO, 4.5 kA, 1P+N, type A, 300 mA, C-Char, In: 25 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) μ 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 4.5 kA

switching capacity current

? according to EN 60898 / rated value 4.5 kA

? according to IEC 60947-2 / rated value 15 kA

rated residual switching capacity (I_{Δm}) / according to IEC 61009-1 4.5 kA

energy limitation class 3

Dissipation

power loss [W]

? for rated value of the current / at AC / in hot operating state / per pole 5.1 W

? maximum 10.2 W

Current

tripping fault current / rated value 300 mA

operational current

? at 30 °C / rated value 25 A

? at 40 °C / rated value 23.5 A

? at 45 °C / rated value 22.75 A

? at 50 °C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SU1653-7KK25 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.