INDUSTRIAL COMPONENT DATA

5SU1653-1KK16 SIEMENS RCBO, 4.5 kA, 1P+N, Type AC, 300 mA, C-Char, In: 16 A, Un AC: 230 V

Brand: SIEMENS | Manufacturer Part Number: 5SU1653-1KK16

Manufacturer	SIEMENS
MPN / Reference	5SU1653-1KK16
Catalog number	16531
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-21BBB445FD
Generated	2026-08-06

Product Overview

RCBO, 4.5 kA, 1P+N, Type AC, 300 mA, C-Char, In: 16 A, Un AC: 230 V
Combined differential switch, 2 mód., type AC, p=70mm, 300mA, 4,5kA, 1P+N, C-16A. Cancelations 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 AC, 300 mA, C-Char, In: 16 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) µs 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?m) / 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 2.8 W
? maximum 5.6 W
Current
tripping fault current / rated value 300 mA
operational current
? at 30 °C / rated value 16 A
? at 40 °C / rated value 15.2 A
? at 45 °C / rated value 14.88 A
? at 50 °C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SU1653-1KK16 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

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