

INDUSTRIAL COMPONENT DATA

5SU1644-7KK82 SIEMENS RCBO, 10 kA, 4P, type A, 300 mA, C-Char, In: 125 A, Un AC: 400 V

Brand: SIEMENS | Manufacturer Part Number: 5SU1644-7KK82



Manufacturer	SIEMENS
MPN / Reference	5SU1644-7KK82
Catalog number	16447
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-C406313B64
Generated	2026-08-06

Product Overview

RCBO, 10 kA, 4P, type A, 300 mA, C-Char, In: 125 A, Un AC: 400 V

Combined differential 70mm, type A (pulsating), 300mA, 10KA, 4 poles, curve C, 125A. 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

RCBO, 10 kA, 4P, type A, 300 mA, C-Char, In: 125 A, Un AC: 400 V

Model

product brand name SENTRON

product designation RCBO

design of the product Instantaneous

General technical data

number of poles 4

number of poles / with protection 4

tripping characteristic class C

mechanical service life (switching cycles) / typical 10 000

overvoltage category III

Voltage

type of voltage / of the operating voltage AC
insulation voltage (Ui) / rated value 440 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 230/400 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 10 kA
switching capacity current
? according to EN 60898 / rated value 10 kA
? according to IEC 60947-2 / rated value 10 kA
rated residual switching capacity (I_m) / according to IEC 61009-1 10 kA
energy limitation class 3
Current
tripping fault current / rated value 300 mA
operational current
? at 30 °C / rated value 125 A
? at 40 °C / rated value 115.62 A
? at 45 °C / rated value 111.25 A
? at 50 °C / rated value 106.25 A
? at 55 °C / rated value 101.25 A
? at 60 °C / rated value 96.25 A
? at AC / rated value 125 A
residual current type A
Product...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SU1644-7KK82 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.