

INDUSTRIAL COMPONENT DATA

5SM3645-0 SIEMENS Residual current operated circuit breaker, 4-pole, type AC, In: 125 A, 300 mA, Un AC: 400 V

Brand: SIEMENS | Manufacturer Part Number: 5SM3645-0



Manufacturer	SIEMENS
MPN / Reference	5SM3645-0
Catalog number	36450
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-EE076BFDC7
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Product Overview

Residual current operated circuit breaker, 4-pole, type AC, In: 125 A, 300 mA, Un AC: 400 V

Differential switch, 70mm, class AC, 4 mode, 4 poles, 125A, 300mA. 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
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Additional Product Information

Technical data

Residual current operated circuit breaker, 4-pole, type AC, In: 125 A, 300 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 195 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 300 mA
operational current
? at AC / rated value 125 A
residual current type AC
surge current resistance / rated value 1 kA
Product details
product feature / silicon-free Yes
product extension / installable / supplementary devices Yes
Connections
connectable conductor cross-section / solid
? minimum 2.5 mm²
? maximum 50 mm²
connectable conductor cross-section / stranded
? minimum 2.5 mm²
? maxi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SM3645-0 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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