

INDUSTRIAL COMPONENT DATA

5SV3647-8 SIEMENS Residual current operated circuit breaker, 4-pole, type A, selective, In: 80 A, 300 mA, Un..

Brand: SIEMENS | Manufacturer Part Number: 5SV3647-8



Manufacturer	SIEMENS
MPN / Reference	5SV3647-8
Catalog number	36478
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-3ED06D5AD7
Generated	2026-08-05

Product Overview

Residual current operated circuit breaker, 4-pole, type A, selective, In: 80 A, 300 mA, Un AC: 400 V
DIFFERENTIAL SWITCH TYPE A 80A 3+N POL. 300MA 400V 4MOD. SELECTIVE. 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

Residual current operated circuit breaker, 4-pole, type A, selective, In: 80 A, 300 mA, Un AC: 400 V

Model

product brand name SENTRON

product designation RCCB

design of the product Selective

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 / of series fuse / maximum permissible 100 A

short-circuit current rating 10 kA

switching function / short-term delayed No

overvoltage category III

Supply voltage

supply voltage / for testing equipment / minimum 100 V

value range / of the supply voltage frequency 50 Hz

value range / of the operating frequency 50/60 Hz

value range / of the supply voltage / at AC 230/400 V

Protection class

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

Switching capacity

switching capacity current

? according to IEC 61008-1 / rated value 0.8 kA

Dissipation

power loss [W]

? for rated value of the current / at AC / in hot operating state / per pole 4.1 W

? maximum 12.3 W

Current

tripping fault current / rated value 300 mA

operational current

? at 40 °C / rated value 80 A

? at 45 °C / rated value 77.57 A

? at 50 °C / rated value 74.59 A

? at 55 °C / rated value 70.22 A

? at 60 °C / rated value 64.47 A

? at 65 °C / rated value 57.35 A

? at 70 °C / rated value 48.8 A

? at AC / rated value 80 A

residual current type A

let-through current / permissible 7 100 A

I2t value / permis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SV3647-8 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.