

INDUSTRIAL COMPONENT DATA

5SV3646-6KK12 SIEMENS Residual current operated circuit breaker, 4-pole, type A, In: 63 A, 300 mA, Un AC: 40..

Brand: SIEMENS | Manufacturer Part Number: 5SV3646-6KK12



Manufacturer	SIEMENS
MPN / Reference	5SV3646-6KK12
Catalog number	36466
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-5041E8D699
Generated	2026-08-06

Product Overview

Residual current operated circuit breaker, 4-pole, type A, In: 63 A, 300 mA, Un AC: 400 V, SIGRES (harsh ambient conditions)

DIFFERENTIAL SWITCH TYPE A 63A 3+N POL. 300MA 400V 4MOD. SIGRES. 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, In: 63 A, 300 mA, Un AC: 400 V, SIGRES (harsh ambient conditions)

Model

product brand name SENTRON

product designation RCCB

design of the product Instantaneous

product variations SIGRES (harsh ambient conditions)

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 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 W
? maximum 12 W
Current
tripping fault current / rated value 300 mA
operational current
? at 40 °C / rated value 63 A
? at 45 °C / rated value 63 A
? at 50 °C / rated value 63 A
? at 55 °C / rated value 63 A
? at 60 °C / rated value 63 A
? at 65 °C / rated value 57.35 A
? at 70 °C / rated value 48.8 A
? at AC / rated value 63 A
residual current type....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SV3646-6KK12 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.