

INDUSTRIAL COMPONENT DATA

5SL4506-8 SIEMENS Miniature circuit breaker 230 V 10kA, 1+N-pole, D, 6A

Brand: SIEMENS | Manufacturer Part Number: 5SL4506-8



Manufacturer	SIEMENS
MPN / Reference	5SL4506-8
Catalog number	45068
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-673299B8FD
Generated	2026-08-05

Product Overview

Miniature circuit breaker 230 V 10kA, 1+N-pole, D, 6A

Circuit breaker, 70mm, accessory 5SL4, 10kA, curve D, 1 pole+N, 6A. 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 circuit breakers from 6 kA

Additional Product Information

Technical data

Miniature circuit breaker 230 V 10kA, 1+N-pole, D, 6A

Model

product brand name SENTRON

product designation Miniature circuit breaker

General technical data

number of poles 2

design of pole 1P+N

tripping characteristic class D

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)

? with single-phase operation / at AC / rated value 250 V

Supply voltage

supply voltage / at AC / rated value 230 V

operating voltage

? at DC / rated value / maximum 72 V

Protection class

protection class IP IP20, with connected conductors

Switching capacity

switching capacity current

? according to EN 60898 / rated value 10 kA

? according to IEC 60947-2 / rated value 10 kA

energy limitation class 3

Dissipation

power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.4 W

Current

operational current

? at 30 °C / rated value 6 A

? at 40 °C / rated value 5.68 A

? at 45 °C / rated value 5.52 A

? at 55 °C / rated value 5.17 A

? at AC / rated value 6 A

suitability for operation Residential buildings/infrastructure

Product details

product component / neutral conductor switching Yes

product feature / touch protection Yes

product feature

? halogen-free Yes

? sealable Yes

? silicon-free Yes

product extension / installable / supplementary devices Yes

Connections

connectable conductor cross-section / solid

? minimum 0.75 mm²

? maxim...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SL4506-8 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.