

## INDUSTRIAL COMPONENT DATA

# 5SL6550-7 SIEMENS Miniature circuit breaker 230 V 6kA, 1+N-pole, C, 50 A

Brand: SIEMENS | Manufacturer Part Number: 5SL6550-7



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | SIEMENS                         |
| MPN / Reference | 5SL6550-7                       |
| Catalog number  | 65507                           |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-CB1E6898E8                   |
| Generated       | 2026-08-04                      |

## Product Overview

Miniature circuit breaker 230 V 6kA, 1+N-pole, C, 50 A

Circuit Breaker 70mm, 6kA, curve C, 1 pole+N, 50A. 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 &gt; POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR &gt; Tertiary circuit breakers up to 6 Ka

## Additional Product Information

## Technical data

Miniature circuit breaker 230 V 6kA, 1+N-pole, C, 50 A

## 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 C

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 6 kA

? according to IEC 60947-2 / rated value 6 kA

energy limitation class 3

Dissipation

power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.8 W

Current

operational current

? at 30 °C / rated value 50 A

? at 40 °C / rated value 46.97 A

? at 45 °C / rated value 45 A

? at 55 °C / rated value 42.01 A

? at AC / rated value 50 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 mm<sup>2</sup>

? maxi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SL6550-7 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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