

## INDUSTRIAL COMPONENT DATA

# 5SP4280-6 SIEMENS Miniature circuit breaker 400 V 10kA, 2-pole, B, 80 A, D 70 mm

Brand: SIEMENS | Manufacturer Part Number: 5SP4280-6



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | SIEMENS                         |
| MPN / Reference | 5SP4280-6                       |
| Catalog number  | 42806                           |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-FFFC1972F9                   |
| Generated       | 2026-08-05                      |

## Product Overview

Miniature circuit breaker 400 V 10kA, 2-pole, B, 80 A, D=70 mm

Circuit breaker, 70mm, accessory, 10kA, curve B, 3mód., 2 poles, 80A. 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 circuit breakers from 6 kA

## Additional Product Information

## Technical data

Miniature circuit breaker 400 V 10kA, 2-pole, B, 80 A, D=70 mm

## Model

product brand name SENTRON

product designation Miniature circuit breaker

design of the product 5SP Miniature circuit breakers

## General technical data

number of poles 2

tripping characteristic class B

mechanical service life (switching cycles) / typical 10 000

overvoltage category 3

degree of pollution 3

Voltage

type of voltage / of the operating voltage AC

insulation voltage (Ui)

? at AC / rated value 440 V

? with multi-phase operation / at AC / rated value 440 V

Supply voltage

supply voltage / at AC / rated value 400 V

Protection class

protection class IP IP20 with connected conductors, IP40 in the area of the handle with distribution cover

Switching capacity

switching capacity current

? according to EN 60898 / rated value 10 kA

Dissipation

power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 7 W

Current

operational current

? at 30 °C / rated value 80 A

? at 40 °C / rated value 76 A

? at 45 °C / rated value 73.6 A

? at 50 °C / rated value 71.6 A

? at 55 °C / rated value 69.6 A

? at 60 °C / rated value 67.2 A

? at AC / rated value 80 A

Product details

product feature / touch protection Yes

product component

? tunnel terminals top Yes

? tunnel terminals bottom Yes

product feature

? properties for main switches in accordance with EN 60204-1 Yes

? halogen-free Yes

? sealable Yes

? silicon-free Yes

product extension / installable / supplementary devices Yes

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SP4280-6 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

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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