

INDUSTRIAL COMPONENT DATA

5SP4180-8 SIEMENS Miniature circuit breaker 230/400 V 10kA, 1-pole, D, 80 A, D 70 mm

Brand: SIEMENS | Manufacturer Part Number: 5SP4180-8



Manufacturer	SIEMENS
MPN / Reference	5SP4180-8
Catalog number	41808
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
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Product Overview

Miniature circuit breaker 230/400 V 10kA, 1-pole, D, 80 A, D=70 mm

Circuit breaker, 70mm, accessible, 10kA, curve D, 1.5mód., 1 pole, 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 230/400 V 10kA, 1-pole, D, 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 1

tripping characteristic class D

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 single-phase operation / at AC / rated value 250 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 75.2 A

? at 45 °C / rated value 72.8 A

? at 50 °C / rated value 70 A

? at 55 °C / rated value 67.2 A

? at 60 °C / rated value 64.8 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SP4180-8 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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