

INDUSTRIAL COMPONENT DATA

5SY4450-7 SIEMENS Miniature circuit breaker 400 V 10kA, 4-pole, C, 50 A, D 70 mm

Brand: SIEMENS | Manufacturer Part Number: 5SY4450-7



Manufacturer	SIEMENS
MPN / Reference	5SY4450-7
Catalog number	44507
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-8301EB2599
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Product Overview

Miniature circuit breaker 400 V 10kA, 4-pole, C, 50 A, D=70 mm

Circuit breaker, 70mm, accessory, 10kA, C curve, 4 poles, 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 > POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR > Industrial circuit breakers from 6 kA
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Additional Product Information

Technical data

Miniature circuit breaker 400 V 10kA, 4-pole, C, 50 A, D=70 mm

Model

product brand name SENTRON

product designation Miniature circuit breaker

General technical data

number of poles 4

design of pole 4P

tripping characteristic class C

mechanical service life (switching cycles) / typical 10 000

overvoltage category III

degree of pollution 3

Voltage

type of voltage / of the operating voltage AC

insulation voltage (Ui)

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

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

supply voltage / with single-phase operation / at AC / rated value 230 V

Supply voltage

supply voltage

? at AC / rated value 400 V

value range / of the supply voltage frequency 50/60 Hz

operating voltage / at DC / rated value / maximum 72 V

Protection class

protection class IP IP20, with connected conductors

Switching capacity

switching capacity current

? at DC / according to IEC 60947-2 / rated value 15 kA

? according to EN 60898 / rated value 10 kA

? according to IEC 60947-2 / rated value 15 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 35 °C / rated value 50 A

? at 40 °C / rated value 48 A

? at 45 °C / rated value 47 A

? at 50 °C / rated value 45.95 A

? at 55 °C / rated value 44.9 A

? at 60 °C / rated value 43.8 A

? at AC / rated value 50 A

suitability for operation Mechanical engineering / industry

Product det...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SY4450-7 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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