

## INDUSTRIAL COMPONENT DATA

# 5SY4640-6 SIEMENS Miniature circuit breaker 400 V 10kA, 3+N-pole, B, 40A, D 70 mm

Brand: SIEMENS | Manufacturer Part Number: 5SY4640-6



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | SIEMENS                         |
| MPN / Reference | 5SY4640-6                       |
| Catalog number  | 46406                           |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-AA12156205                   |
| Generated       | 2026-08-06                      |

## Product Overview

Miniature circuit breaker 400 V 10kA, 3+N-pole, B, 40A, D=70 mm

Circuit breaker, 70mm, accessible, 10kA, curve B, 3 poles+N, 40A. Manufactured to order. Non-Cancelable Non-Returnable.

## 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, 3+N-pole, B, 40A, D=70 mm

## Model

product brand name SENTRON

product designation Miniature circuit breaker

## General technical data

number of poles 4

design of pole 3P+N

tripping characteristic class B

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 3.6 W

Current

operational current

? at 35 °C / rated value 40 A

? at 40 °C / rated value 38.4 A

? at 45 °C / rated value 37.6 A

? at 50 °C / rated value 36.76 A

? at 55 °C / rated value 35.92 A

? at 60 °C / rated value 35.04 A

? at AC / rated value 40 A

suitability for operation Mechanical engineering / industry

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SY4640-6 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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