

**INDUSTRIAL COMPONENT DATA**

# 5SY5425-6 SIEMENS Circuit breaker Universal current 880 V DC 400 V AC 10kA, 4-pole, B, 25A max. 1000 V DC

Brand: SIEMENS | Manufacturer Part Number: 5SY5425-6



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | SIEMENS                         |
| MPN / Reference | 5SY5425-6                       |
| Catalog number  | 54256                           |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-12D84A958C                   |
| Generated       | 2026-08-06                      |

## Product Overview

Circuit breaker Universal current 880 V DC 400 V AC 10kA, 4-pole, B, 25A max. 1000 V DC  
Universal circuit breaker AC-DC 880V DC; 400V AC 10KA, 4pole, B, 25A MAX. DC 1000V. 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**

Circuit breaker Universal current 880 V DC 400 V AC 10kA, 4-pole, B, 25A max. 1000 V DC

**Model**

product brand name SENTRON

product designation Miniature circuit breaker

**General technical data**

number of poles 4

design of pole 4P

tripping characteristic class B

mechanical service life (switching cycles) / typical 10 000

overvoltage category II

degree of pollution 2

**Voltage**

type of voltage / of the operating voltage AC/DC

insulation voltage (Ui)

? at DC / rated value 250 V

? with single-phase operation / 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

? at DC / rated value 880 V

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

operating voltage / at DC / rated value / maximum 1 000 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

energy limitation class 3

Dissipation

power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 2.4 W

Current

operational current

? at 35 °C / rated value 25 A

? at 40 °C / rated value 24 A

? at 45 °C / rated value 23.5 A

? at 50 °C / rated value 22.98 A

? at 55 °C / rated value 22.45 A

? at 60 °C / rated value 21.9 A

? at AC / rated value 25 A

suitability for operation universal current

Product details

product component / neutral conductor swit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SY5425-6 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

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