

**INDUSTRIAL COMPONENT DATA**

# 5SY6413-6 SIEMENS Miniature circuit breaker 400 V 6kA, 4-pole, B, 13 A, D 70 mm

Brand: SIEMENS | Manufacturer Part Number: 5SY6413-6



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | SIEMENS                         |
| MPN / Reference | 5SY6413-6                       |
| Catalog number  | 64136                           |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-A32F93EB20                   |
| Generated       | 2026-08-04                      |

## Product Overview

Miniature circuit breaker 400 V 6kA, 4-pole, B, 13 A, D=70 mm  
 INTERRUPT. SELECT PROTECTION. 400V 6KA, 4POLOS, B,13A, P=70MM. 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 > Tertiary circuit breakers from 6 kA |
|--------------|-----------------------------------------------------------------------------------------------|

## Additional Product Information

Technical data  
 Miniature circuit breaker 400 V 6kA, 4-pole, B, 13 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 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 6 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 1.7 W

Current

operational current

? at 35 °C / rated value 13 A

? at 40 °C / rated value 12.48 A

? at 45 °C / rated value 12.22 A

? at 50 °C / rated value 11.95 A

? at 55 °C / rated value 11.67 A

? at AC / rated value 13 A

suitability for operation Mechanical engineering / industry

Product details

product component / ne...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SY6413-6 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.