

**INDUSTRIAL COMPONENT DATA**

# 5SJ4145-8HG40 SIEMENS Miniature circuit breaker 240 V 10kA, 1-pole, D, 45 A, D 70 mm according to UL 489, eq..

Brand: SIEMENS | Manufacturer Part Number: 5SJ4145-8HG40



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | SIEMENS                         |
| MPN / Reference | 5SJ4145-8HG40                   |
| Catalog number  | 41458                           |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-9661379685                   |
| Generated       | 2026-08-06                      |

## Product Overview

Miniature circuit breaker 240 V 10kA, 1-pole, D, 45 A, D=70 mm according to UL 489, equal polarity INTERRUPT. SELECT PROTECTION. 240V 10KA, 1POLO, D, 45A, P=70MM ACCORDING TO UL 489. 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 240 V 10kA, 1-pole, D, 45 A, D=70 mm according to UL 489, equal polarity

**Model**

product brand name SENTRON

product designation Miniature circuit breakers

design of the product Miniature circuit-breaker 5SJ4

**General technical data**

number of poles 1

tripping characteristic class D

mechanical service life (switching cycles) / typical 10 000

installation environment regarding EMC Suitable for environment B (immunity to interference not applicable)

reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 F

overvoltage category 3

degree of pollution 3

Voltage

type of voltage / of the operating voltage AC/DC

insulation voltage (Ui) / at AC / rated value 440 V

Supply voltage

supply voltage / at AC / rated value 400 V

operating voltage

? at AC / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum 120 V

? at DC / rated value / maximum 60 V

? at DC / single channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum 60 V

supply voltage frequency / rated value 50 Hz

Protection class

protection class IP IP20, with connected conductors, IP 40 in the handle range

Switching capacity

switching capacity current

? according to EN 60898 / rated value 10 kA

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

Dissipation

power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 5.7 W

Current

operational current

? at 30 °C / rated value 45 A

? at 40 °C / rated value 45 A

? at 45 °C / rated value 43...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SJ4145-8HG40 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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