

INDUSTRIAL COMPONENT DATA

5SJ4108-8HG42 SIEMENS Circuit breaker 10kA, 1-pole, D, 8A according to UL 489-277V

Brand: SIEMENS | Manufacturer Part Number: 5SJ4108-8HG42



Manufacturer	SIEMENS
MPN / Reference	5SJ4108-8HG42
Catalog number	41088
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-5C94130F27
Generated	2026-08-06

Product Overview

Circuit breaker 10kA, 1-pole, D, 8A according to UL 489-277V

AUTOMATIC MAGNETOTHERMIC 10 KA, 1 POLE, D, 8A ACCORDING TO UL 489 - 277 V. Manufactured to order without possibility of return or cancellation.

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

Circuit breaker 10kA, 1-pole, D, 8A according to UL 489-277V

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

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 277 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

? at DC / 2-channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum 125 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 2.5 W

Current

operational current

? at 30 °C / rated value 8 A

? at 40 °C / rated value 8 A

? at 45 °C / rated value 7.8 A

? at 50 °...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SJ4108-8HG42 with the required quantity to info@electricaonline.com or use 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

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.