

INDUSTRIAL COMPONENT DATA

5SY6640-7 SIEMENS Miniature circuit breaker 400 V 6kA, 3+N-pole C, 40A, D 70 mm

Brand: SIEMENS | Manufacturer Part Number: 5SY6640-7



Manufacturer	SIEMENS
MPN / Reference	5SY6640-7
Catalog number	66407
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-352B7C2AD5
Generated	2026-08-04

Product Overview

Miniature circuit breaker 400 V 6kA, 3+N-pole C, 40A, D=70 mm

Circuit breaker, 70mm, accessible, 6kA, curve C, 3 poles+N, 40A. Cancellations and returns limited. Consult conditions.

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, 3+N-pole C, 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 C

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

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 10 kA

energy limitation class 3

Dissipation

power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3.5 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 AC / rated value 40 A

suitability for operation Mechanical engineering / industry

Product details

product component / neutral conductor switching Yes

product feature / touch protection Yes

prod...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SY6640-7 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 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.