

INDUSTRIAL COMPONENT DATA

5SM2645-8 SIEMENS RC unit for 5SY, 4-pole, type A, selective, In: 63 A, 300 mA, Un AC: 400 V

Brand: SIEMENS | Manufacturer Part Number: 5SM2645-8



Manufacturer	SIEMENS
MPN / Reference	5SM2645-8
Catalog number	26458
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-175E587774
Generated	2026-08-04

Product Overview

RC unit for 5SY, 4-pole, type A, selective, In: 63 A, 300 mA, Un AC: 400 V

Differential block p/aut. 5SJ/5SY access. curves B and C, class A, 3mód., 4 poles, 6/40A, 300mA, selective (S).
Cancelations 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 > Industrial differential switches from 8

Additional Product Information

Technical data

RC unit for 5SY, 4-pole, type A, selective, In: 63 A, 300 mA, Un AC: 400 V

Model

product brand name SENTRON

product designation RCD-unit

design of the product selective

number of poles 4

size of installation devices / according to DIN 43880 1

mechanical service life (switching cycles) / typical 10 000

overvoltage category III

degree of pollution 2

insulation voltage (Ui) / rated value 460 V

surge voltage resistance / rated value 4 000 V

protection function / false tripping Yes

power loss [W]

? for rated value of the current / at AC / in hot operating state / per pole 3 W

? maximum 9 W

tripping fault current / rated value 300 mA

operational current

? at 40 °C / rated value 58.6 A

? at 45 °C / rated value 58.59 A

? at 50 °C / rated value 56.7 A

? at 55 °C / rated value 54.81 A

? at 60 °C / rated value 53.55 A

? at 65 °C / rated value 52.29 A

? at 70 °C / rated value 50.4 A

? at AC / rated value 63 A

residual current type A

surge current resistance / rated value 5 kA

product feature

? OFF-delay time adjustable No

? rated fault current adjustable No

? sealable No

connectable conductor cross-section / solid

? minimum 1.5 mm²

? maximum 25 mm²

connectable conductor cross-section / stranded

? minimum 1.5 mm²

? maximum 25 mm²

tightening torque / with screw-type terminals

? minimum 2.5 N·m

? maximum 3 N·m

height 90 mm

width 124 mm

depth 77 mm

installation depth 70 mm

number of modular width units 3

fastening method REG

mounting position any

net weight 351 g

ambient temp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SM2645-8 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.