

## INDUSTRIAL COMPONENT DATA

# 5SM2745-6 SIEMENS RC unit for 5SY, 4-pole, type A, In: 63 A, 500 mA, Un AC: 400 V

Brand: SIEMENS | Manufacturer Part Number: 5SM2745-6



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | SIEMENS                                 |
| MPN / Reference | 5SM2745-6                               |
| Catalog number  | 27456                                   |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-5DDAA8DBB9                           |
| Generated       | 2026-08-03                              |

## Product Overview

RC unit for 5SY, 4-pole, type A, In: 63 A, 500 mA, Un AC: 400 V

Differential block p / automatic 5SY of 70mm, type A (pulsating), 400V AC, 0,3... 63A, 4 poles, 500 mA. 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 &gt; POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR &gt; Industrial differential switches from 8

## Additional Product Information

Technical data

RC unit for 5SY, 4-pole, type A, In: 63 A, 500 mA, Un AC: 400 V

Model

product brand name SENTRON

product designation RCD-unit

design of the product instantaneous

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 500 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 1 kA

product feature

? OFF-delay time adjustable No

? rated fault current adjustable No

? sealable No

connectable conductor cross-section / solid

? minimum 1.5 mm<sup>2</sup>

? maximum 25 mm<sup>2</sup>

connectable conductor cross-section / stranded

? minimum 1.5 mm<sup>2</sup>

? maximum 25 mm<sup>2</sup>

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 325 g

ambient temperature....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SM2745-6 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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