

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



Model	
Product brand name	SENTRON
Product designation	RC unit
Design of the product	Instantaneous
Product variations	for 5SY
General technical data	
Number of poles	4
Size of installation devices / acc. to DIN 43880	1
Protection against electrical shock	Finger and back-of-hand safe
circuit-breaker / Design	5SM2
Mechanical service life (switching cycles) / typical	10 000
Switching function / short-term delayed	No
Overvoltage category	III
Supply voltage	
Current / at AC / rated value	63 A
<ul style="list-style-type: none"> <li>• Supply voltage / at AC / rated value</li> <li>• Supply voltage / for testing equipment / minimum</li> </ul>	230/400 V 195 V

• rated value

50 Hz

### Protection class

Protection class IP IP20, if the distribution board is installed, with connected conductors

### Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 3 W

### Current

Tripping residual current / rated value 500 mA

Tripping residual / rated value / derated current

- at 40 Cel 58.59 A
- at 45 Cel 58.59 A
- at 50 Cel 56.7 A
- at 55 Cel 54.81 A
- at 60 Cel 53.55 A
- at 65 Cel 52.29 A
- at 70 Cel 50.4 A

Type of fault current A

Surge current resistance / rated value 1 kA

Operating frequency 50Hz

### Product details

Product feature / silicon-free Yes

Product extension / can be installed / supplementary devices Yes

### Connections

Connectable conductor cross-section

- solid 1.5 ... 25 mm<sup>2</sup>
- stranded 1.5 ... 25 mm<sup>2</sup>

Tightening torque / with screw-type terminals 2.5 ... 3 N·m

Position / of power supply cord top or bottom

### Mechanical Design

Height 90 mm

Width 124 mm

Depth 77 mm

Installation depth 70 mm

Number of width units 3

Mounting type DIN rail (REG)

Mounting position any

Net weight 325 g

### Environmental conditions

Ambient temperature	-25 ... +45 °C
• during storage	-40 ... +75 °C

## Certificates

### Reference code

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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### General Product Approval

### Declaration of Conformity

### Test Certificates

### other



CCC



VDE

[Miscellaneous](#)



EG-Konf.

[Miscellaneous](#)

[Miscellaneous](#)

## Further information

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SM2745-6>

### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2745-6>

### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM2745-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2745-6)

### CAX-Online-Generator

<http://www.siemens.com/cax>

### Tender specifications

<http://www.siemens.com/specifications>



