

RC unit for 5SP4, 2-pole, type AC, In: 100 A, 30 mA, Un AC: 230 V



Model	
Product brand name	SENTRON
Product designation	RC unit
Design of the product	Instantaneous
Product variations	for 5SP4
General technical data	
Number of poles	2
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	100 A
<ul style="list-style-type: none"> • Supply voltage / at AC / rated value • Supply voltage / for testing equipment / minimum 	<p>230 V</p> <p>195 V</p>

• 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 6 W

Current

Tripping residual current / rated value 30 mA

Tripping residual / rated value / derated current

- at 40 Cel 93 A
- at 45 Cel 93 A
- at 50 Cel 90 A
- at 55 Cel 87 A
- at 60 Cel 85 A
- at 65 Cel 83 A
- at 70 Cel 80 A

Type of fault current AC

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 6 ... 50 mm²
- stranded 6 ... 50 mm²

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 71 mm

Depth 70 mm

Installation depth 70 mm

Number of width units 3.5

Mounting type DIN rail (REG)

Mounting position any

Net weight 508 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
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CCC

[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?mfb=5SM2327-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2327-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SM2327-0

CAX-Online-Generator

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

Tender specifications

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