

RC unit for 5SP4, 2-pole, type A, In: 100 A, 300 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 	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

5 W

Current

Tripping residual current / rated value

300 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

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

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

467 g

Environmental conditions

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

Certificates

Reference code	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

General Product Approval	Declaration of Conformity	Test Certificates	other
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[Miscellaneous](#)



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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=5SM2627-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2627-6>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SM2627-6

CAX-Online-Generator

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

Tender specifications

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

