

RC unit for 5SL4, 4-pole, type AC, In: 40 A, 300 mA, Un AC: 400 V



Model	
Product brand name	SENTRON
Product designation	RC unit
Design of the product	Instantaneous
Product variations	for 5SL4
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	40 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
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Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.9 W
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Current

Tripping residual current / rated value	300 mA
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Tripping residual / rated value / derated current

• at 40 Cel	37.2 A
• at 45 Cel	37.2 A
• at 50 Cel	36 A
• at 55 Cel	34.8 A
• at 60 Cel	34 A
• at 65 Cel	33.2 A
• at 70 Cel	32 A

Type of fault current	AC
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Operating frequency	50Hz
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Product details

Product feature / silicon-free	Yes
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Product extension / can be installed / supplementary devices	Yes
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Connections

Connectable conductor cross-section	
• solid	1.5 ... 25 mm ²
• stranded	1.5 ... 25 mm ²

Tightening torque / with screw-type terminals	2.5 ... 3 N·m
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Position / of power supply cord	top or bottom
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Mechanical Design

Height	90 mm
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Width	122.5 mm
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Depth	70 mm
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Installation depth	70 mm
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Number of width units	3
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Mounting type	DIN rail (REG)
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Mounting position	any
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Net weight	380 g
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Environmental conditions

Ambient temperature	-5 ... +45 °C
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• during storage

-40 ... +75 °C

Certificates

General Product Approval

Declaration of Con-
formity

other



CCC

[Miscellaneous](#)



EG-Konf.

[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=5SM2643-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2643-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2643-0

CAX-Online-Generator

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

Tender specifications

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



