

RC unit for 5SL4, 3-pole, type AC, In: 40 A, 30 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	3
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 	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

3.6 W

Current

Tripping residual current / rated value

30 mA

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

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 mm²

• stranded

1.5 ... 25 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

105 mm

Depth

70 mm

Installation depth

70 mm

Number of width units

3

Mounting type

DIN rail (REG)

Mounting position

any

Net weight

320 g

Environmental conditions

Ambient temperature

-5 ... +45 °C

• 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=5SM2333-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2333-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2333-0

CAX-Online-Generator

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

Tender specifications

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



