

RC unit for 5SY, 2-pole, type AC, In: 40 A, 30 mA, Un AC: 230 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 | 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 | 40 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

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

71 mm

Depth

70 mm

Installation depth

70 mm

Number of width units

2

Mounting type

DIN rail (REG)

Mounting position

any

Net weight

205 g

Environmental conditions

Ambient temperature

-5 ... +45 °C

- during storage

-40 ... +75 °C

Certificates

Reference code

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

F

F

| General Product Approval | Declaration of Conformity | Test Certificates | other |
|--------------------------|---------------------------|-------------------|-------|
|--------------------------|---------------------------|-------------------|-------|



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?mlfb=5SM2322-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2322-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2322-0

CAX-Online-Generator

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

Tender specifications

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



