

RC unit for 5SY, 2-pole, type A, selective, In: 63 A, 1000 mA, Un AC: 230 V



| Model | |
|--|------------------------------|
| Product brand name | SENTRON |
| Product designation | RC unit |
| Design of the product | Selective |
| 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 | 63 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 | 3 W |
|---|-----|

Current

| | |
|---|----------|
| Tripping residual current / rated value | 1 000 mA |
| Type of fault current | A |
| Surge current resistance / rated value | 5 kA |
| Operating frequency | 50/60Hz |

Product details

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

Connections

| | |
|---|----------------------------|
| Connectable conductor cross-section | |
| <ul style="list-style-type: none"> • solid • stranded | 1.5 ... 25 mm ² |
| Tightening torque / with screw-type terminals | 2.5 ... 3 N·m |
| Position / of power supply cord | top or bottom |

Mechanical Design




| | |
|-----------------------|----------------|
| 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 | 182 g |

Environmental conditions

| | |
|--|----------------|
| Ambient temperature | -25 ... +45 °C |
| <ul style="list-style-type: none"> • during storage | -40 ... +75 °C |

Certificates

| | |
|--|---|
| Reference code | |
| <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 | F |
| | F |

| General Product Approval | | Declaration of Conformity | Test Certificates | other |
|--|--|---|-------------------------------|-------------------------------|
|  CCC |  VDE |  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=5SM2825-8>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2825-8>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2825-8

CAX-Online-Generator

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

Tender specifications

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

