

RC unit for 5SY, 3-pole, type AC, In: 63 A, 500 mA, Un AC: 400 V



Figure similar

| Model | |
|--|---|
| product brand name | SENTRON |
| product designation | RCD-unit |
| design of the product | Instantaneous |
| product type designation | 5SM2 |
| product version | for 5SY |
| General technical data | |
| number of poles | 3 |
| design of pole | 3 poles |
| size of installation devices according to DIN 43880 | 1 |
| touch protection against electrical shock according to EN 50274 | Finger and back-of-hand safe |
| mechanical service life (operating cycles) typical | 10 000 |
| overvoltage category | III |
| degree of pollution | 2 |
| Voltage | |
| type of voltage of the operating voltage | AC |
| insulation voltage (Ui) rated value | 460 V |
| surge voltage resistance rated value | 4 000 V |
| tripping fault current rated value | 500 mA |
| <ul style="list-style-type: none"> operational current at AC rated value | 63 A |
| residual current type | AC |
| supply voltage | |
| <ul style="list-style-type: none"> at AC for testing equipment minimum | 400 V 340 V |
| value range of the supply voltage frequency | 50 Hz |
| value range of the operating frequency | 50 Hz |
| Protection class | |
| protection class IP | IP20, if the distribution board is installed, with connected conductors |
| protection function false tripping | Yes |
| Dissipation | |
| power loss [W] | |
| <ul style="list-style-type: none"> for rated value of the current at AC in hot operating state per pole | 3 W |
| Product details | |
| product feature OFF-delay time adjustable | No |
| product feature rated fault current adjustable | No |

| | |
|---|---------------------|
| product feature sealable | No |
| Connections | |
| connectable conductor cross-section solid | |
| • minimum | 1.5 mm ² |
| • maximum | 25 mm ² |
| connectable conductor cross-section stranded | |
| • minimum | 1.5 mm ² |
| • maximum | 25 mm ² |
| tightening torque with screw-type terminals | |
| • minimum | 2.5 N·m |
| • maximum | 3 N·m |
| position of power supply cord | top or bottom |

| | |
|-------------------------------|----------|
| Mechanical Design | |
| height | 90 mm |
| width | 54 mm |
| depth | 70 mm |
| installation depth | 70 mm |
| number of modular width units | 3 |
| fastening method | DIN rail |
| mounting position | any |
| Net Weight | 283 g |

| | |
|--|--------|
| Environmental conditions | |
| ambient temperature during operation | |
| • minimum | -5 °C |
| • maximum | 45 °C |
| ambient temperature during storage | |
| • minimum | -40 °C |
| • maximum | 75 °C |
| number of test cycles for environmental testing according to IEC 60068-2-30 | 28 |

| | |
|---|---|
| Certificates | |
| reference code according to IEC 81346-2 | F |

| | |
|-------------------------------|--------------------------|
| Approvals Certificates | |
| Environment | General Product Approval |

[Environmental Confirmations](#)

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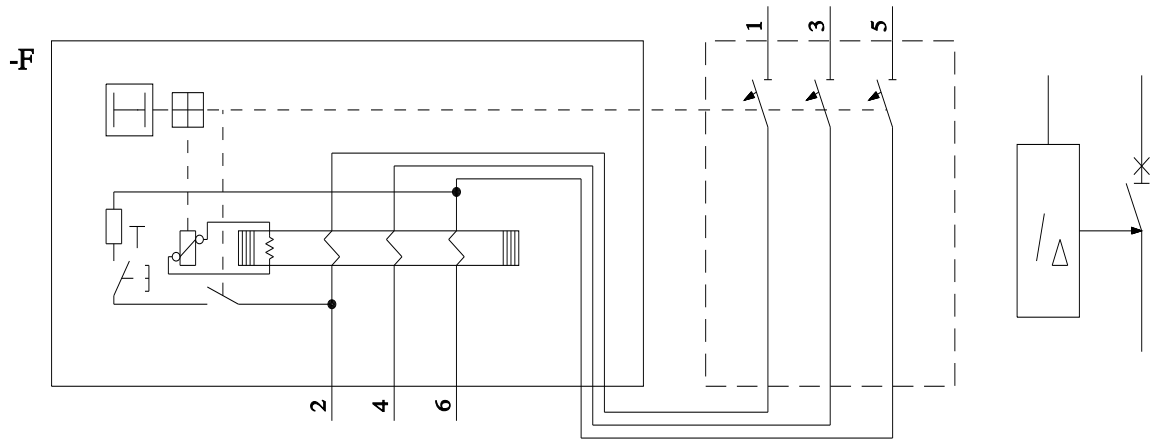
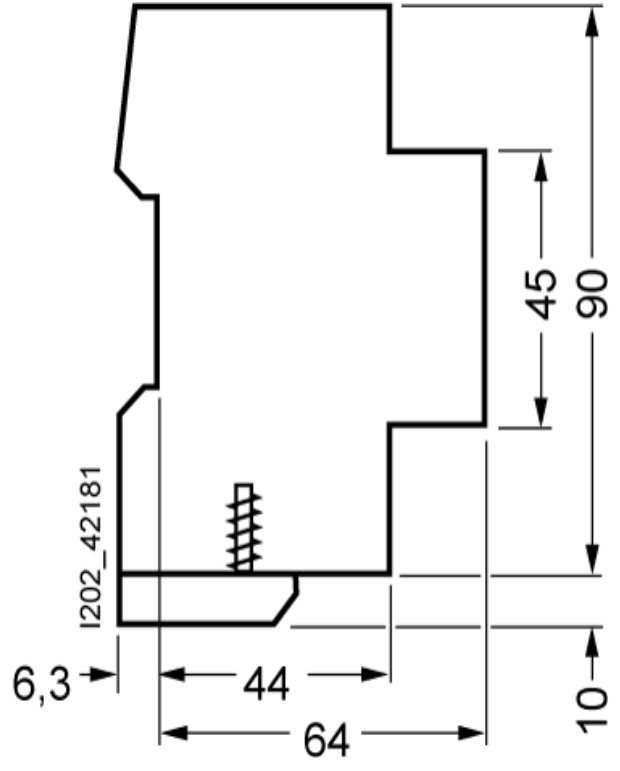
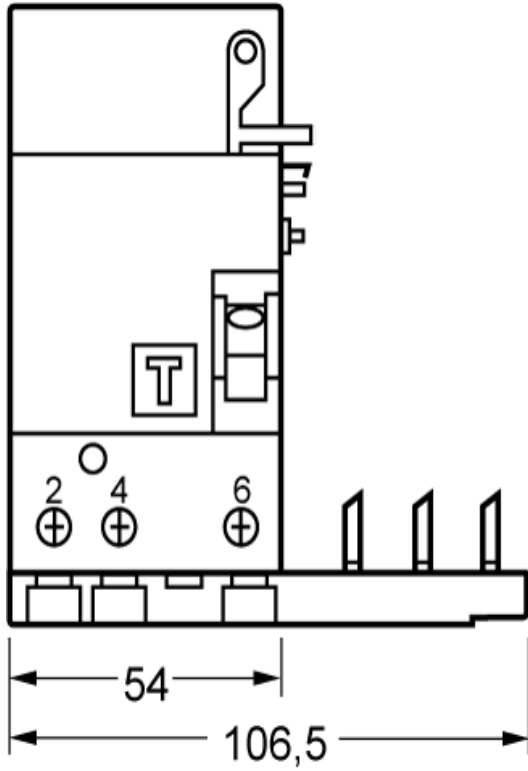
[Miscellaneous](#)

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Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/lowvoltage/catalogs>
- Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SM2735-0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/5SM2735-0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2735-0
- CAx-Online-Generator
<https://www.siemens.com/cax>
- Tender specifications
<https://www.siemens.com/specifications>
- Characteristic curves
[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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