









Figure similar

RC unit for 5SL4, 2-pole, type A, In: 40 A, 300 mA, Un AC: 230 V

| Model | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| product brand name | SENTRON |
| product designation | RCD-unit |
| design of the product | Instantaneous |
| product type designation | 5SM2 |
| product version | for 5SL4 |
| General technical data | |
| number of poles | 2 |
| design of pole | 2 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 | 300 mA |
| <ul style="list-style-type: none"> ● operational current <ul style="list-style-type: none"> — at 40 °C rated value — at 45 °C rated value — at 50 °C rated value — at 55 °C rated value — at 60 °C rated value — at 65 °C rated value — at 70 °C rated value ● operational current at AC rated value | 37.2 A 37.2 A 36 A 34.8 A 34 A 33.2 A 32 A 40 A |
| residual current type | A |
| surge current resistance rated value | 1 kA |
| supply voltage <ul style="list-style-type: none"> ● at AC ● for testing equipment minimum | 230 V 195 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 | 1.9 W | |
| <ul style="list-style-type: none"> maximum | 3.8 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 | | |
| <ul style="list-style-type: none"> minimum | 1.5 mm ² | |
| <ul style="list-style-type: none"> maximum | 25 mm ² | |
| connectable conductor cross-section stranded | | |
| <ul style="list-style-type: none"> minimum | 1.5 mm ² | |
| <ul style="list-style-type: none"> maximum | 25 mm ² | |
| tightening torque with screw-type terminals | | |
| <ul style="list-style-type: none"> minimum | 2.5 N·m | |
| <ul style="list-style-type: none"> maximum | 3 N·m | |
| position of power supply cord | top or bottom | |
| Mechanical Design | | |
| height | 90 mm | |
| width | 36 mm | |
| depth | 70 mm | |
| installation depth | 70 mm | |
| number of modular width units | 2 | |
| fastening method | DIN rail | |
| mounting position | any | |
| Net Weight | 181 g | |
| Environmental conditions | | |
| ambient temperature during operation | | |
| <ul style="list-style-type: none"> minimum | -25 °C | |
| <ul style="list-style-type: none"> maximum | 45 °C | |
| ambient temperature during storage | | |
| <ul style="list-style-type: none"> minimum | -40 °C | |
| <ul style="list-style-type: none"> 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 | Environmental Confirmations | |
|  |  | |
| Miscellaneous |  | |
| General Product Approval | other | Dangerous goods |
| Confirmation |  |  |
| |  | Confirmation |
| | | Transport Information |
| 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=5SM2623-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2623-6>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2623-6

CAX-Online-Generator

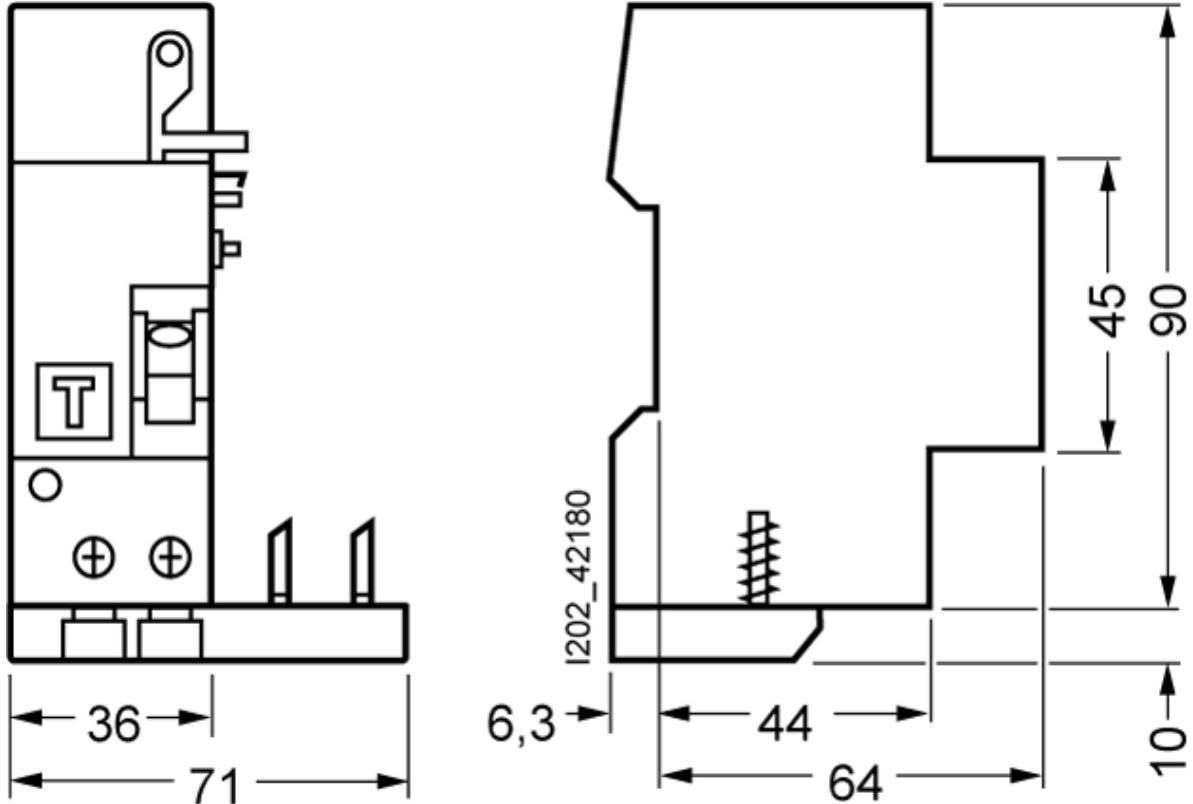
<https://www.siemens.com/cax>

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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