



RCBO 63 A 2-pole 4-module C characteristic Type AC 100mA

| Model | |
|--|---|
| product brand name | SENTRON |
| product designation | RCBO |
| General technical data | |
| number of poles | 2 |
| number of poles with protection | 2 |
| design of pole | 2P |
| tripping characteristic class | C |
| overvoltage category | 3 |
| degree of pollution | 2 |
| Voltage | |
| type of voltage of the operating voltage | AC |
| insulation voltage (Ui) rated value | 440 V |
| surge voltage resistance rated value | 4 V |
| tripping fault current rated value | 100 mA |
| <ul style="list-style-type: none"> operational current at AC rated value | 63 A |
| residual current type | AC |
| Supply voltage | |
| supply voltage <ul style="list-style-type: none"> at AC rated value | 240/415 V |
| operating frequency | 50 Hz |
| supply voltage frequency rated value | 50 Hz |
| Protection class | |
| protection class IP | IP20, if the distribution board is installed, with connected conductors |
| Breaking Capacity | |
| switching capacity current <ul style="list-style-type: none"> according to EN 60898 rated value according to IEC 60947-2 rated value | 10 kA 15 kA |
| short-circuit current breaking capacity (Icn) according to EN 61009-1 rated value | 10 kA |
| rated residual switching capacity (IΔm) according to IEC 61009-1 | 10 kA |
| energy limitation class | 3 |
| Product details | |
| product feature touch protection | Yes |
| product component neutral conductor switching | Yes |
| Connections | |
| position of power supply cord | Either top or bottom |
| Mechanical Design | |
| height | 90 mm |
| width | 72 mm |
| depth | 70 mm |
| installation depth | 70 mm |
| number of modular width units | 4 |
| mounting position | any |
| Net Weight | 99 999 kg |
| Environmental conditions | |
| influence of the surrounding temperature | Max. 95% humidity |
| ambient temperature during operation | |

| | |
|---|--------|
| <ul style="list-style-type: none"> • minimum | -5 °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 |

Approvals Certificates

| | | | | | |
|---|---|-------------------------------|---|------------------------------|---|
| Environment | General Product Approval | | | | |
| Environmental Con- firmations | Environmental Con- firmations | Miscellaneous |  | Confirmation |  |
| General Product Ap- proval | other | | | Dangerous goods | |

| | | | | | |
|---|-------------------------------|------------------------------|---|-------------------------------|---------------------------------------|
|  EG-Konf. | Miscellaneous | Confirmation |  | Miscellaneous | 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=5SU1424-1RC63>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/5SU1424-1RC63>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1424-1RC63
- 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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