

RCBO 6A 2-pole 2-module C characteristic Type AC 300mA

| Model | |
|---|---|
| product brand name | SENTRON |
| product designation | RCBO |
| General technical data | |
| number of poles | 2 |
| number of poles with protection | 1 |
| design of pole | 1P+N |
| tripping characteristic class | C |
| overvoltage category | III |
| degree of pollution | 2 |
| Voltage | |
| type of voltage of the operating voltage | AC |
| insulation voltage (Ui) rated value | 264 V |
| surge voltage resistance rated value | 4 V |
| tripping fault current rated value | 300 mA |
| operational current | |
| • at AC rated value | 6 A |
| residual current type | AC |
| Supply voltage | |
| supply voltage | |
| • at AC rated value | 240V |
| 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 | |
| short-circuit current breaking capacity (Icn) according to EN 61009-1 rated value | 10 kA |
| switching capacity current | |
| • according to EN 60898 rated value | 10 kA |
| • according to IEC 60947-2 rated value | 35 kA |
| rated residual switching capacity (IΔm) according to IEC 61009-1 | 10 kA |
| energy limitation class | 3 |
| Connections | |
| position of power supply cord | Either top or bottom |
| Mechanical Design | |
| height | 90 mm |
| width | 36 mm |
| depth | 70 mm |
| installation depth | 70 mm |
| number of modular width units | 2 |
| mounting position | any |
| Environmental conditions | |
| influence of the surrounding temperature | Max. 95% humidity |
| ambient temperature during operation | |
| • minimum | -5 °C |
| • maximum | 45 °C |
| ambient temperature during storage | |
| • minimum | -40 °C |
| • maximum | 75 °C |
| Approvals Certificates | |

| | |
|--------------------------|-------|
| General Product Approval | other |
|--------------------------|-------|



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| | | |
|-------|----------------|-------------|
| other | Dangerous Good | Environment |
|-------|----------------|-------------|

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Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=5SU1654-1RC06>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1654-1RC06>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1654-1RC06

CAX-Online-Generator

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

Tender specifications

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

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