

RCBO elm, 10 kA, 1P+N, type A, 300 mA, B-char, In: 13 A, Un AC: 230 V



Figure similar

| Model | |
|--|---------------|
| Product brand name | SENTRON |
| Product designation | RCBO |
| Design of the product | Instantaneous |
| General technical data | |
| Number of poles | 2 |
| Number of poles / Note | 1P+N |
| Number of poles / with protection | 1 |
| Tripping characteristic class | B |
| circuit-breaker / Design | 5SU1 |
| Mechanical service life (switching cycles) / typical | 10 000 |
| Overvoltage category | III |
| Voltage | |
| Surge current resistance / at (8/20) μ s | 1 kA |
| Supply voltage | |
| Supply voltage | |

| | |
|--|-------|
| • at AC / rated value | 230 V |
| • for testing equipment / minimum | 100 V |
| Supply voltage frequency / rated value | 50 Hz |

Protection class

| | |
|------------------------------|---|
| Protection class IP | IP20, if the distribution board is installed, with connected conductors |
| Energy limiting class | 3 |

Switching capacity

| | |
|-------------------------------------|-------|
| Switching capacity current | |
| • acc. to EN 60898 / rated value | 10 kA |
| • acc. to IEC 60947-2 / rated value | 20 kA |

Dissipation

| | |
|--|-------|
| Power loss [W] | |
| • for rated value of the current / at AC / in hot operating state / per pole | 2.4 W |
| • maximum | 4.8 W |

Electricity

| | |
|--|---------|
| Tripping residual current / rated value | 300 mA |
| rated current I_n / IEC, DIN/VDE / at 40 Cel | 12.48 A |
| Type of fault current | A |
| Current / at AC / rated value | 13 A |

Product details

| | |
|------------------------------------|-----|
| Product feature / Touch protection | Yes |
| Product feature | |
| • halogen-free | Yes |
| • silicon-free | Yes |

Product function

| | |
|--|-----|
| Product function / neutral conductor switching | Yes |
|--|-----|

Number

| | |
|---|----|
| Number of test cycles / for environmental testing / acc. to IEC 60068-2-30 | 26 |
|---|----|

Connections

| | |
|---|----------------------|
| Connectable conductor cross-section / stranded | |
| • minimum | 0.75 mm ² |
| • maximum | 35 mm ² |
| Connectable conductor cross-section | |
| • solid | |
| — minimum | 0.75 mm ² |
| — maximum | 35 mm ² |
| • finely stranded / with core end processing | |

| | |
|--|----------------------|
| — minimum | 0.75 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 | Either top or bottom |

Mechanical Design

| | |
|------------------------------|-------|
| Height | 90 mm |
| Width | 36 mm |
| Depth | 77 mm |
| Mounting position | any |
| Installation depth | 70 mm |
| Number of width units | 2 |
| Net weight | 292 g |

Environmental conditions

| | |
|---|-------------------|
| Degree of pollution | 2 |
| Influence of the surrounding temperature | Max. 95% humidity |
| Ambient temperature | |
| • minimum | -25 °C |
| • maximum | 55 °C |
| • during storage / minimum | -40 °C |
| • during storage / maximum | 75 °C |

Certificates

| | |
|--------------------------|---|
| Equipment marking | |
| • acc. to DIN EN 61346-2 | F |
| • acc. to DIN EN 81346-2 | F |

General Product Approval



CCC



IMQ



ÖVE



VDE

[Miscellaneous](#)



RCM

Declaration of Conformity



EG-Konf.

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=5SU1654-6KK13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1654-6KK13>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1654-6KK13

CAX-Online-Generator

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

Tender specifications

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



