

RCBO elm, 10 kA, 1P+N, type A, short-time delayed K, 30 mA, C-char, In: 16 A, Un AC: 230 V



Figure similar

| Model                                                |         |
|------------------------------------------------------|---------|
| product brandname                                    | SENTRON |
| Product designation                                  | RCBO    |
| General technical data                               |         |
| Number of poles                                      | 2       |
| Number of poles / Note                               | 1P+N    |
| Number of poles / with protection                    | 1       |
| Tripping characteristic class                        | C       |
| circuit-breaker / Design                             | 5SU1    |
| Mechanical service life (switching cycles) / typical | 10 000  |
| Overvoltage category                                 | III     |
| Voltage                                              |         |
| Surge current resistance / at (8/20) µs              | 3 kA    |
| Supply voltage                                       |         |
| Supply voltage                                       |         |
| • at AC / rated value                                | 230 V   |

|                                                                                   |                                                                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| • for testing equipment / minimum                                                 | 195 V                                                                   |
| Supply voltage frequency / rated value                                            | 50 Hz                                                                   |
| <b>Protection class</b>                                                           |                                                                         |
| <b>Protection class IP</b>                                                        | IP20, if the distribution board is installed, with connected conductors |
| <b>Energy limiting class</b>                                                      | 3                                                                       |
| <b>Switching capacity</b>                                                         |                                                                         |
| <b>Switching capacity current</b>                                                 |                                                                         |
| • acc. to EN 60898 / rated value                                                  | 10 kA                                                                   |
| • acc. to IEC 60947-2 / rated value                                               | 15 kA                                                                   |
| <b>Dissipation</b>                                                                |                                                                         |
| <b>Power loss [W]</b>                                                             |                                                                         |
| • for rated value of the current / at AC / in hot operating state / per pole      | 2.8 W                                                                   |
| • maximum                                                                         | 5.6 W                                                                   |
| <b>Electricity</b>                                                                |                                                                         |
| <b>Tripping residual current / rated value</b>                                    | 30 mA                                                                   |
| rated current $I_n$ / IEC, DIN/VDE / at 40 °C                                     | 15.2 A                                                                  |
| <b>Type of fault current</b>                                                      | A                                                                       |
| Current / at AC / rated value                                                     | 16 A                                                                    |
| <b>Product details</b>                                                            |                                                                         |
| Product feature / Touch protection                                                | Yes                                                                     |
| <b>Product feature</b>                                                            |                                                                         |
| • halogen-free                                                                    | Yes                                                                     |
| • silicon-free                                                                    | Yes                                                                     |
| <b>Product function</b>                                                           |                                                                         |
| Product function / neutral conductor switching                                    | Yes                                                                     |
| <b>Number</b>                                                                     |                                                                         |
| <b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b> | 26                                                                      |
| <b>Connections</b>                                                                |                                                                         |
| <b>Connectable conductor cross-section / stranded</b>                             |                                                                         |
| • minimum                                                                         | 0.75 mm <sup>2</sup>                                                    |
| • maximum                                                                         | 35 mm <sup>2</sup>                                                      |
| <b>Connectable conductor cross-section</b>                                        |                                                                         |
| • solid                                                                           |                                                                         |
| — minimum                                                                         | 0.75 mm <sup>2</sup>                                                    |
| — maximum                                                                         | 35 mm <sup>2</sup>                                                      |
| • finely stranded / with core end processing                                      |                                                                         |
| — minimum                                                                         | 0.75 mm <sup>2</sup>                                                    |

|                                                      |                      |
|------------------------------------------------------|----------------------|
| — maximum                                            | 25 mm²               |
| <b>Tightening torque / with screw-type terminals</b> |                      |
| • 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            | 286 g |

### Environmental conditions

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

### Certificates

|                          |   |
|--------------------------|---|
| <b>Equipment marking</b> |   |
| • acc. to DIN EN 61346-2 | F |
| • acc. to DIN EN 81346-2 | F |

### General Product Approval

### Declaration of Conformity



[sonstig](#)



EG-Konf.

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SU1354-7VK16>

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

<http://support.automation.siemens.com/WW/view/en/5SU1354-7VK16/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SU1354-7VK16](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-7VK16)

**CAX-Online-Generator**

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

**Tender specifications**

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

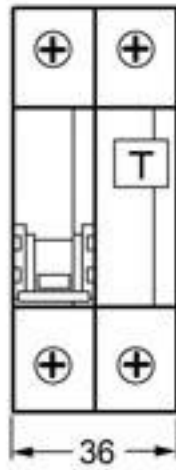


Figure similar

