



RCBO, 6 kA, 2P Type A, 30 mA, C-Char, In: 10A Un: 230V

| Model                                                                             |                                                                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| product brand name                                                                | SENTRON                                                                 |
| product designation                                                               | RCBO                                                                    |
| design of the product                                                             | Instantaneous                                                           |
| General technical data                                                            |                                                                         |
| number of poles                                                                   | 2                                                                       |
| number of poles with protection                                                   | 2                                                                       |
| design of pole                                                                    | 2P                                                                      |
| tripping characteristic class                                                     | C                                                                       |
| mechanical service life (operating cycles) typical                                | 10 000                                                                  |
| overvoltage category                                                              | III                                                                     |
| degree of pollution                                                               | 3                                                                       |
| Voltage                                                                           |                                                                         |
| type of voltage of the operating voltage                                          | AC                                                                      |
| insulation voltage (Ui) rated value                                               | 500 V                                                                   |
| surge voltage resistance rated value                                              | 4 000 V                                                                 |
| surge current resistance at (8/20) µs                                             | 0.25 kA                                                                 |
| tripping fault current rated value                                                | 30 mA                                                                   |
| operational current                                                               |                                                                         |
| • at 30 °C rated value                                                            | 10 A                                                                    |
| • at 40 °C rated value                                                            | 9.6 A                                                                   |
| • at 45 °C rated value                                                            | 9.4 A                                                                   |
| • at 50 °C rated value                                                            | 9.1 A                                                                   |
| • at 55 °C rated value                                                            | 8.9 A                                                                   |
| • at 60 °C rated value                                                            | 8.6 A                                                                   |
| • at 70 °C rated value                                                            | 8.2 A                                                                   |
| • at AC rated value                                                               | 10 A                                                                    |
| residual current type                                                             | A                                                                       |
| Supply voltage                                                                    |                                                                         |
| supply voltage                                                                    |                                                                         |
| • at AC rated value                                                               | 230/240 V                                                               |
| • for testing equipment minimum                                                   | 195 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                                                                 |                                                                         |
| short-circuit current breaking capacity (Icn) according to EN 61009-1 rated value | 6 kA                                                                    |
| switching capacity current                                                        |                                                                         |

|                                                                                          |        |
|------------------------------------------------------------------------------------------|--------|
| <ul style="list-style-type: none"> <li>• according to EN 60898 rated value</li> </ul>    | 6 kA   |
| <ul style="list-style-type: none"> <li>• according to IEC 60947-2 rated value</li> </ul> | 7.5 kA |
| rated residual switching capacity (I <sub>Δm</sub> ) according to IEC 61009-1            | 4.5 kA |
| energy limitation class                                                                  | 3      |

#### Dissipation

|                                                                                                                          |        |
|--------------------------------------------------------------------------------------------------------------------------|--------|
| power loss [W]                                                                                                           |        |
| <ul style="list-style-type: none"> <li>• for rated value of the current at AC in hot operating state per pole</li> </ul> | 1.03 W |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                                                              | 2.1 W  |

#### Product details

|                                                                  |    |
|------------------------------------------------------------------|----|
| <b>product feature</b>                                           |    |
| <ul style="list-style-type: none"> <li>• halogen-free</li> </ul> | No |

#### Connections

|                                                                              |                      |
|------------------------------------------------------------------------------|----------------------|
| connectable conductor cross-section solid                                    |                      |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                  | 1 mm <sup>2</sup>    |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                  | 35 mm <sup>2</sup>   |
| connectable conductor cross-section stranded                                 |                      |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                  | 1 mm <sup>2</sup>    |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                  | 35 mm <sup>2</sup>   |
| connectable conductor cross-section finely stranded with core end processing |                      |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                  | 1 mm <sup>2</sup>    |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                  | 35 mm <sup>2</sup>   |
| tightening torque with screw-type terminals                                  |                      |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                  | 2 N·m                |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                  | 2 N·m                |
| position of power supply cord                                                | Either top or bottom |

#### Mechanical Design

|                               |       |
|-------------------------------|-------|
| height                        | 85 mm |
| width                         | 36 mm |
| depth                         | 72 mm |
| installation depth            | 70 mm |
| number of modular width units | 2     |
| mounting position             | any   |
| net weight                    | 236 g |
| weight with packaging         | 256 g |

#### Environmental conditions

|                                                                             |                   |
|-----------------------------------------------------------------------------|-------------------|
| influence of the surrounding temperature                                    | Max. 95% humidity |
| ambient temperature during operation                                        |                   |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                 | -25 °C            |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                 | 40 °C             |
| ambient temperature during storage                                          |                   |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                 | -40 °C            |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                 | 70 °C             |
| number of test cycles for environmental testing according to IEC 60068-2-30 | 28                |

#### Approvals Certificates

##### General Product Approval



[Confirmation](#)

[Miscellaneous](#)



|       |                 |             |
|-------|-----------------|-------------|
| other | Dangerous goods | Environment |
|-------|-----------------|-------------|

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[Environmental Con-  
firmations](#)

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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=5SU1326-7FP10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1326-7FP10>

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

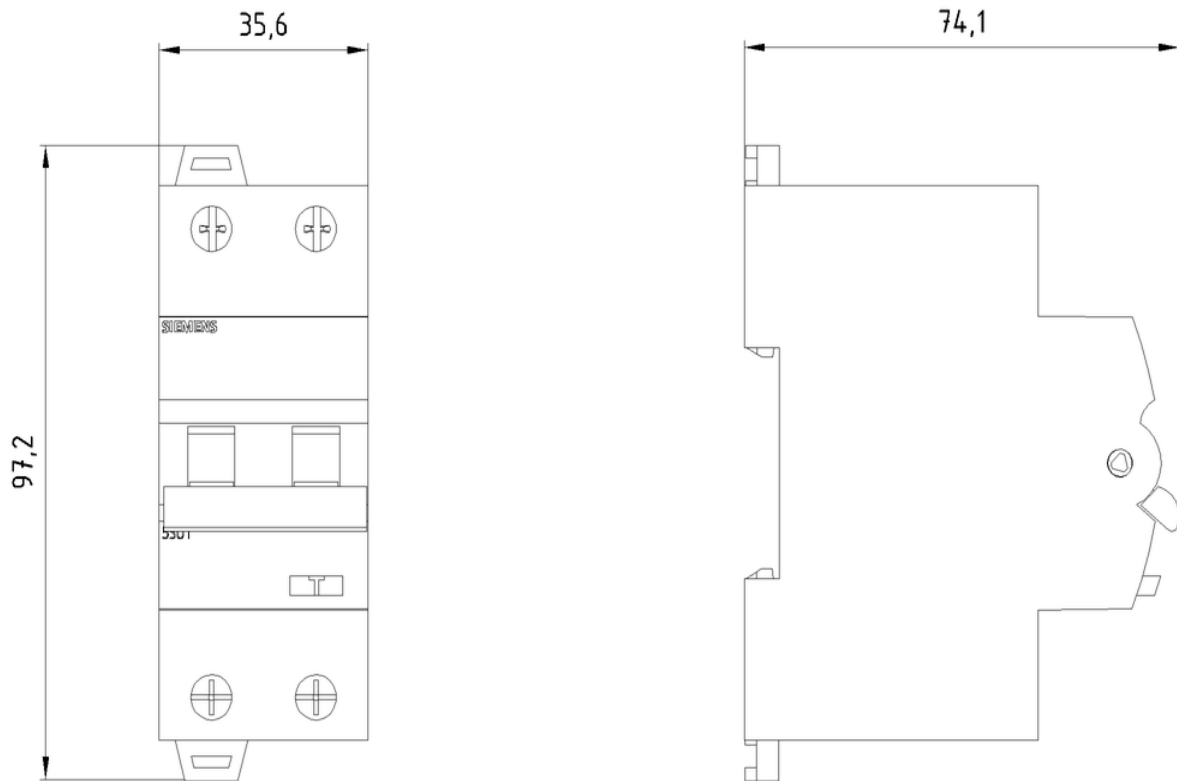
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SU1326-7FP10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1326-7FP10)

### CAX-Online-Generator

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

### Tender specifications

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



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