



RCBO, 10 kA, 1P+N, type A, 30 mA, C-Char, In: 32 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 with protection  | 1  |
| design of pole   | 1P+N   |
| tripping characteristic class  | C  |
| mechanical service life (operating cycles) typical   | 10 000   |
| overvoltage category   | 3  |
| 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   | 4 000 V  |
| surge current resistance at (8/20) $\mu$ s   | 1 kA   |
| tripping fault current rated value   | 30 mA  |
| <ul style="list-style-type: none"> <li>• operational current                             <ul style="list-style-type: none"> <li>— at 30 °C rated value</li> <li>— at 40 °C rated value</li> <li>— at 45 °C rated value</li> <li>— at 50 °C rated value</li> <li>— at 55 °C rated value</li> <li>— at 60 °C rated value</li> <li>— at 65 °C rated value</li> <li>— at 70 °C rated value</li> </ul> </li> <li>• operational current at AC rated value</li> </ul> | 32 A<br>30.4 A<br>29.76 A<br>28.8 A<br>27.84 A<br>27.2 A<br>25.92 A<br>24.64 A<br>32 A |
| residual current type  | A  |
| Supply voltage   |  |
| supply voltage <ul style="list-style-type: none"> <li>• at AC rated value</li> <li>• for testing equipment minimum</li> </ul>  | 230/240 V<br>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  |  |

|   |                      |
|---|----------------------|
| <b>switching capacity current</b>   |                      |
| • according to EN 60898 rated value   | 10 kA                |
| • according to IEC 60947-2 rated value  | 15 kA                |
| <b>short-circuit current breaking capacity (I<sub>cn</sub>) according to EN 61009-1 rated value</b> | 10 kA                |
| <b>rated residual switching capacity (I<sub>Δm</sub>) according to IEC 61009-1</b>                  | 10 kA                |
| <b>energy limitation class</b>  | 3                    |
| <b>Dissipation</b>  |                      |
| <b>power loss [W]</b>   |                      |
| • maximum   | 5.7 W                |
| <b>Product details</b>  |                      |
| <b>product feature touch protection</b>   | Yes                  |
| product component neutral conductor switching   | Yes                  |
| <b>product feature halogen-free</b>   | Yes                  |
| <b>product feature silicon-free</b>   | Yes                  |
| <b>Connections</b>  |                      |
| <b>connectable conductor cross-section solid</b>  |                      |
| • minimum   | 0.75 mm <sup>2</sup> |
| • maximum   | 35 mm <sup>2</sup>   |
| <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 finely stranded with core end processing</b>                 |                      |
| • minimum   | 0.75 mm <sup>2</sup> |
| • maximum   | 25 mm <sup>2</sup>   |
| <b>tightening torque with screw-type terminals</b>  |                      |
| • minimum   | 2.5 N·m              |
| • maximum   | 3 N·m                |
| <b>position of power supply cord</b>  | Either top or bottom |
| <b>Mechanical Design</b>  |                      |
| <b>height</b>   | 90 mm                |
| <b>width</b>  | 36 mm                |
| <b>depth</b>  | 77 mm                |
| <b>installation depth</b>   | 70 mm                |
| <b>number of modular width units</b>  | 2                    |
| <b>mounting position</b>  | any                  |
| <b>Net Weight</b>   | 282 g                |
| <b>weight with packaging</b>  | 282 g                |
| <b>Environmental conditions</b>   |                      |
| <b>influence of the surrounding temperature</b>   | Max. 95% humidity    |
| <b>ambient temperature during operation</b>   |                      |
| • minimum   | -25 °C               |
| • maximum   | 55 °C                |
| <b>ambient temperature during storage</b>   |                      |
| • minimum   | -40 °C               |
| • maximum   | 75 °C                |
| <b>number of test cycles for environmental testing according to IEC 60068-2-30</b>                  | 28                   |
| <b>Approvals Certificates</b>   |                      |
| General Product Approval  |                      |



[Miscellaneous](#)

|                          |     |                   |                      |       |
|--------------------------|-----|-------------------|----------------------|-------|
| General Product Approval | EMV | Test Certificates | Maritime application | other |
|--------------------------|-----|-------------------|----------------------|-------|



[Special Test Certificate](#)

[Miscellaneous](#)



**other** **Railway** **Dangerous goods**

[Confirmation](#)

[Miscellaneous](#)

[Miscellaneous](#)

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[Transport Information](#)

**Environment**

[Environmental Confirmations](#)

[Environmental Confirmations](#)

**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=5SU1354-7KK32>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1354-7KK32>

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

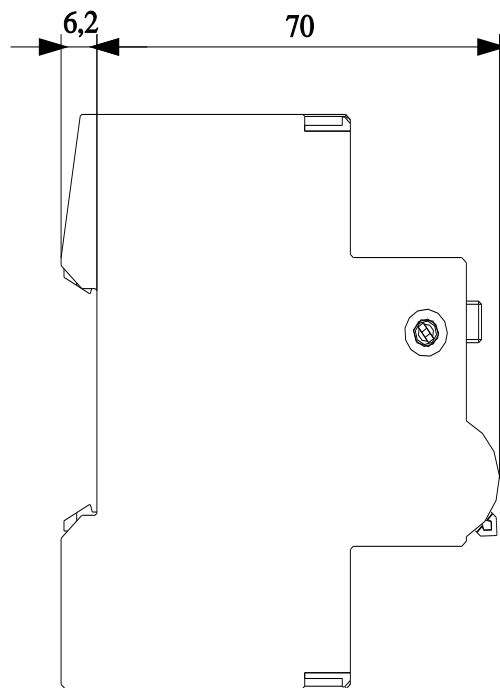
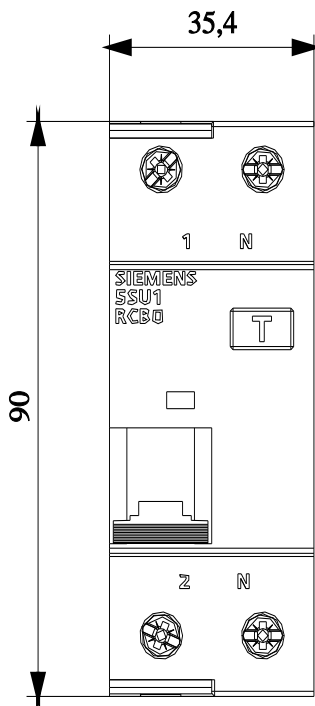
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SU1354-7KK32](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-7KK32)

**CAX-Online-Generator**

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

**Tender specifications**

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



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