



Residual-current transformer for residual current monitoring Bushing opening 55 mm Residual current 30 mA...40 A

| General technical data                                                                                                                                                        |                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| product designation                                                                                                                                                           | Residual-current transformers            |
| product feature touch protection                                                                                                                                              | Yes                                      |
| type of electrical connection at output                                                                                                                                       | screw-type terminals                     |
| operating voltage rated value maximum                                                                                                                                         | 690 V                                    |
| continuous current per phase maximum                                                                                                                                          | 150 A                                    |
| fault current at input rated value                                                                                                                                            | 40 A                                     |
| surge voltage resistance rated value                                                                                                                                          | 6 kV                                     |
| reference code according to IEC 81346-2                                                                                                                                       | B                                        |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750                                                                                    | T                                        |
| reference code according to EN 61346-2                                                                                                                                        | B                                        |
| Connections/ Terminals                                                                                                                                                        |                                          |
| type of connectable conductor cross-sections                                                                                                                                  |                                          |
| <ul style="list-style-type: none"> <li>• solid</li> </ul>                                                                                                                     | 1x (0.5 ... 2.5 mm <sup>2</sup> )        |
| <ul style="list-style-type: none"> <li>• finely stranded                             <ul style="list-style-type: none"> <li>— with core end processing</li> </ul> </li> </ul> | 1x (0.5 ... 1.5 mm <sup>2</sup> )        |
| <ul style="list-style-type: none"> <li>• for AWG cables                             <ul style="list-style-type: none"> <li>— solid</li> </ul> </li> </ul>                     | 1x (20 ... 13)                           |
| Ambient conditions                                                                                                                                                            |                                          |
| ambient temperature                                                                                                                                                           |                                          |
| <ul style="list-style-type: none"> <li>• during transport</li> </ul>                                                                                                          | -25 ... +60 °C                           |
| <ul style="list-style-type: none"> <li>• during operation</li> </ul>                                                                                                          | -25 ... +60 °C                           |
| <ul style="list-style-type: none"> <li>• during storage</li> </ul>                                                                                                            | -40 ... +85 °C                           |
| relative humidity during operation                                                                                                                                            | 95 %                                     |
| installation altitude at height above sea level                                                                                                                               | 2 000 m                                  |
| Installation/ mounting/ dimensions                                                                                                                                            |                                          |
| diameter of inlet opening                                                                                                                                                     | 55 mm                                    |
| width                                                                                                                                                                         | 92 mm                                    |
| height                                                                                                                                                                        | 64 mm                                    |
| depth                                                                                                                                                                         | 98 mm                                    |
| mounting position                                                                                                                                                             | standing, on horizontal mounting surface |
| fastening method                                                                                                                                                              | Screw and DIN rail mounting              |
| tightening torque with screw-type terminals                                                                                                                                   | 0.5 ... 0.6 N·m                          |
| tightening torque [lbf·in] with screw-type terminals                                                                                                                          | 4.4 ... 5.3 lbf·in                       |
| Certificates/ approvals                                                                                                                                                       |                                          |
| General Product Approval                                                                                                                                                      | Test Certificates                        |



[Type Test Certificates/Test Report](#)

other

Environment



[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3UL2303-1A>

Cax online generator

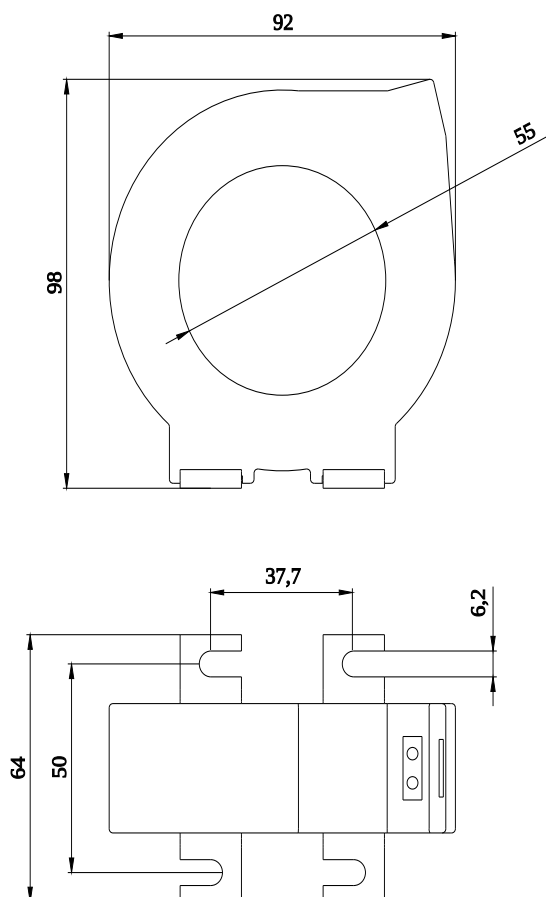
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UL2303-1A>

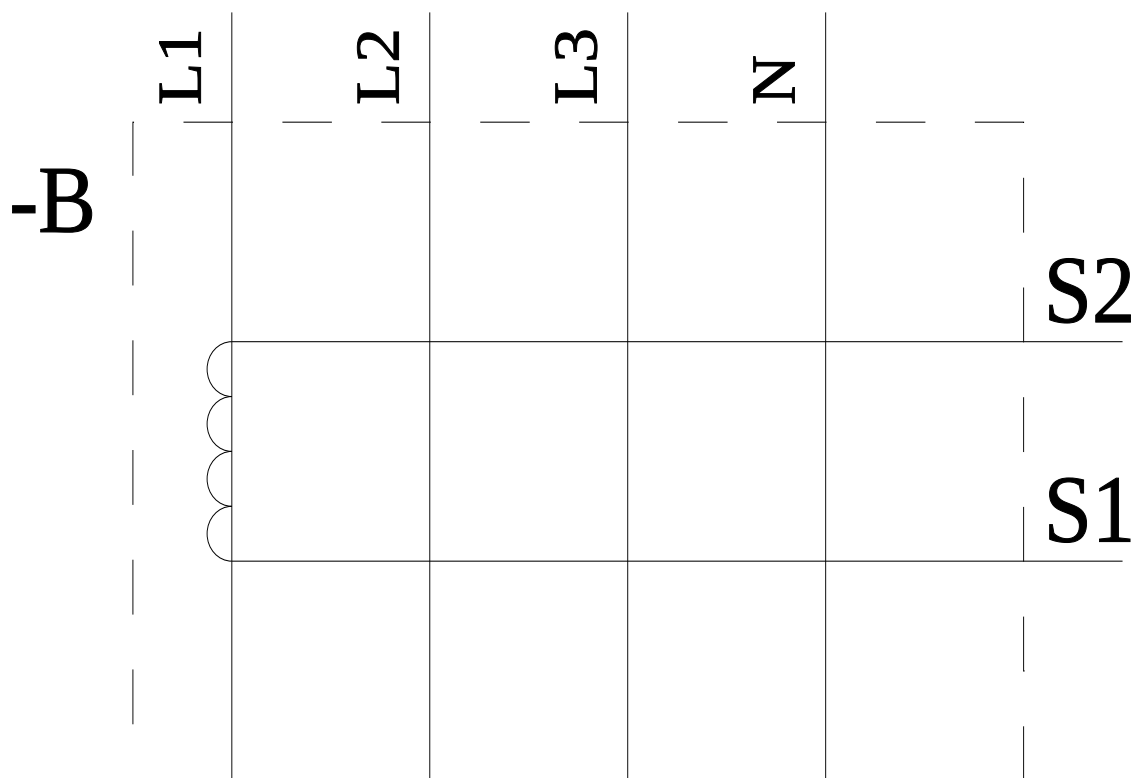
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3UL2303-1A>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3UL2303-1A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UL2303-1A&lang=en)





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