



Residual-current transformer for residual current monitoring Bushing  
opening 80 mm Residual current 30 mA...40 A

| General technical data                                                                                                                      |  |                                                           |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|-------------------|
| product designation                                                                                                                         |  | Residual current transformer for fault current monitoring |                   |
| 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                                                                                                        |  | 225 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 mm²)                                      |                   |
| <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 mm²)                                      |                   |
| <ul style="list-style-type: none"><li>• at 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                                                                                                                   |  | 80 mm                                                     |                   |
| width                                                                                                                                       |  | 124.5 mm                                                  |                   |
| height                                                                                                                                      |  | 64 mm                                                     |                   |
| depth                                                                                                                                       |  | 130 mm                                                    |                   |
| mounting position                                                                                                                           |  | standing, on horizontal mounting surface                  |                   |
| fastening method                                                                                                                            |  | screw fixing                                              |                   |
| 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                                                                                                                    |  | Declaration of Conformity                                 | Test Certificates |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

other

[Confirmation](#)

#### Further information

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=3UL2304-1A>

Cax online generator

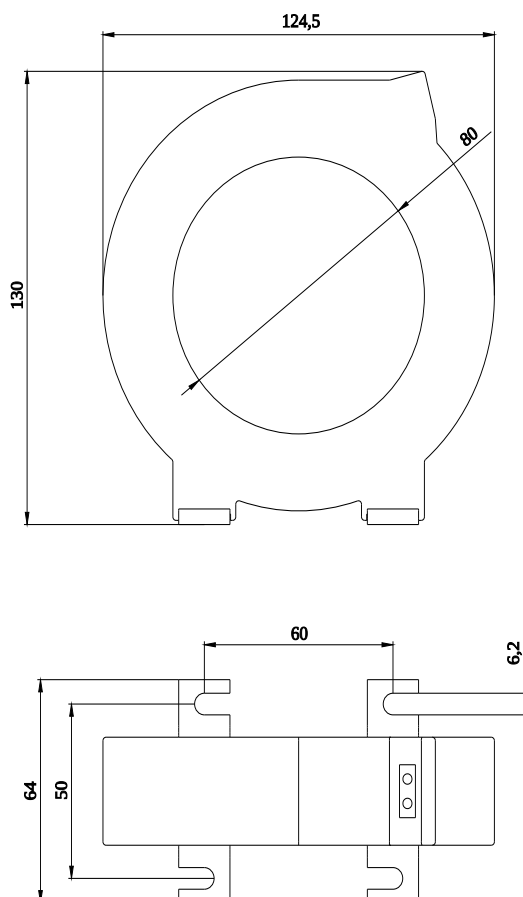
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UL2304-1A>

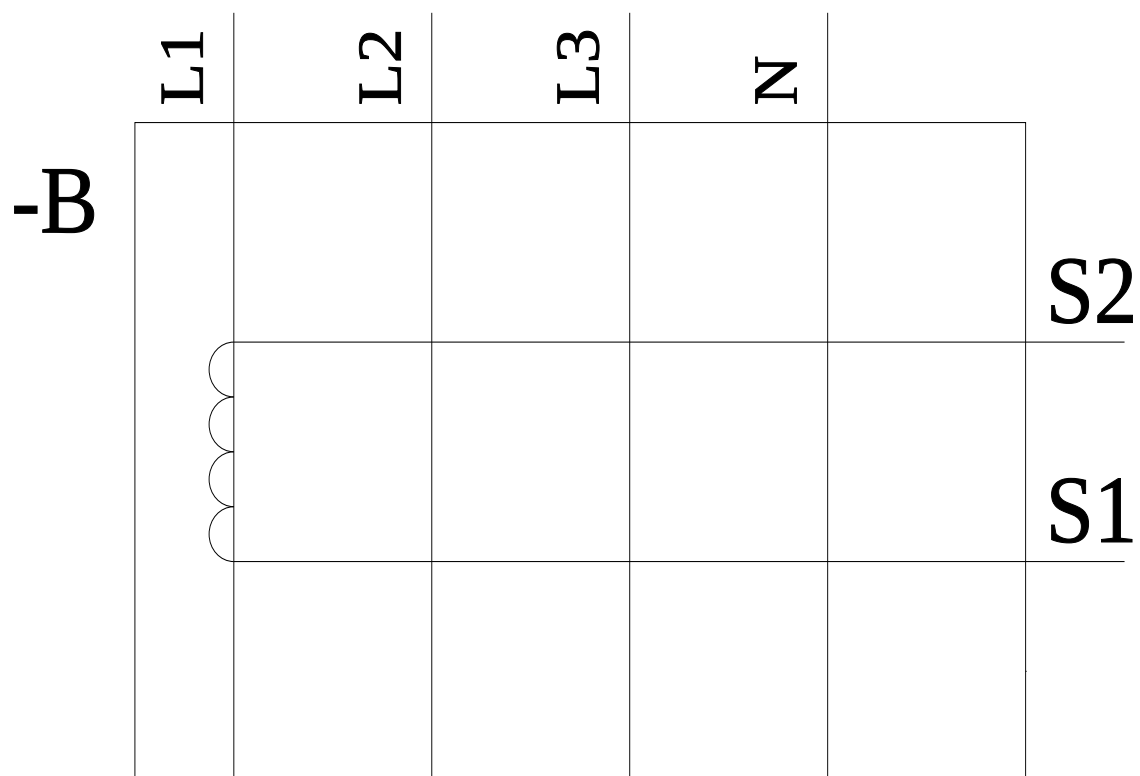
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3UL2304-1A>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3UL2304-1A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UL2304-1A&lang=en)





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