

current transformer 50/1 A, 2.5 VA CL 1.0



### Model

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Product brand name                      | SETRON                            |
| Product designation                     | Current transformer               |
| Design of the product                   | Bushing-type current transformers |
| Operating apparent output / rated value | 1.2 V·A                           |

### Protection class

|                                                                                         |         |
|-----------------------------------------------------------------------------------------|---------|
| Protection class IP                                                                     | IP20    |
| <ul style="list-style-type: none"> <li>Ratio of input current/output current</li> </ul> | 50/1    |
| <ul style="list-style-type: none"> <li>Current / at output / rated value</li> </ul>     | 1 A     |
| <ul style="list-style-type: none"> <li>Current / at input / rated value</li> </ul>      | 50 A    |
| Accuracy class / of the current transformer                                             | class 1 |
| Product feature / Touch protection                                                      | Yes     |

### Connections

|                                           |                      |
|-------------------------------------------|----------------------|
| Type of electrical connection / at output | screw-type terminals |
|-------------------------------------------|----------------------|

### Mechanical Design

|                       |       |
|-----------------------|-------|
| Height                | 75 mm |
| Height of the opening | 20 mm |
| Width                 | 60 mm |

|                                                                 |              |
|-----------------------------------------------------------------|--------------|
| Width                                                           |              |
| • of the push-through bus bar / at 1 bus bar / maximum          | 20 mm        |
| • of the push-through bus bar / in case of 2 bus bars / maximum | 20 mm        |
| Depth                                                           | 55 mm        |
| Mounting type                                                   | screw fixing |
| Outer diameter / of the push-through conductor / maximum        | 19 mm        |
| Net weight                                                      | 451 g        |

#### Environmental conditions

|                              |        |
|------------------------------|--------|
| Ambient temperature          |        |
| • during operation / minimum | -30 °C |
| • during operation / maximum | 55 °C  |

#### Certificates

|                                         |   |
|-----------------------------------------|---|
| Reference code / acc. to DIN EN 61346-2 | T |
|-----------------------------------------|---|

#### Declaration of Conformity



#### Further information

##### 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=4NC5112-0CB21>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4NC5112-0CB21>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4NC5112-0CB21](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4NC5112-0CB21)

##### CAX-Online-Generator

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

##### Tender specifications

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



