SIEMENS

## Data sheet 5SV8703-0KK

Siemens EcoTech

Summation current transformer 70 mm



| | |
|---|---|
| **Model** | |
| **product brand name** | SENTRON |
| **product designation** | summation current transformer |
| **design of the product** | type A |
| **residual current (Idn) minimum** | 30 mA |
| **internal diameter of summation current transformer** | 70 mm |
| **wire length maximum** | 10 m |
| **protection class IP at connection all terminals** | IP20 |
| **type of voltage of the operating voltage for actuation** | AC |
| **surge voltage resistance rated value** | 4 kV |
| **operating voltage rated value** | |
| • maximum | 720 V |
| **Main circuit** | |
| **operating frequency rated value** | |
| • minimum | 50 Hz |
| • maximum | 60 Hz |
| operational current rated value | 200 A |
| **Control current** | |
| **control supply voltage** | |
| • at AC at 50 Hz rated value maximum | 720 V |
| • at AC at 60 Hz rated value maximum | 720 V |
| **Suitability** | |
| **suitability for use** | for AC power system |
| **Product function** | |
| product function error memory | No |
| **Connections** | |
| **type of connectable conductor cross-sections** | 0.13 mm² 2.1 mm² |
| **type of electrical connection** | screw terminal |
| **Mechanical Design** | |
| **height** | 33 mm |
| **width** | 130 mm |
| **depth** | 110 mm |
| **Net Weight** | 298 g |
| **Environmental conditions** | |
| **influence of the surrounding temperature** | Max. 95% humidity |
| **ambient temperature during operation** | |


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| | |
|---|---|
| ● minimum | -10 °C |
| ● maximum | 50 °C |
| **ambient temperature during storage** | |
| ● minimum | -20 °C |
| ● maximum | 70 °C |

## Certificates

| | |
|---|---|
| **reference code according to IEC 81346-2** | T |

## Approvals Certificates

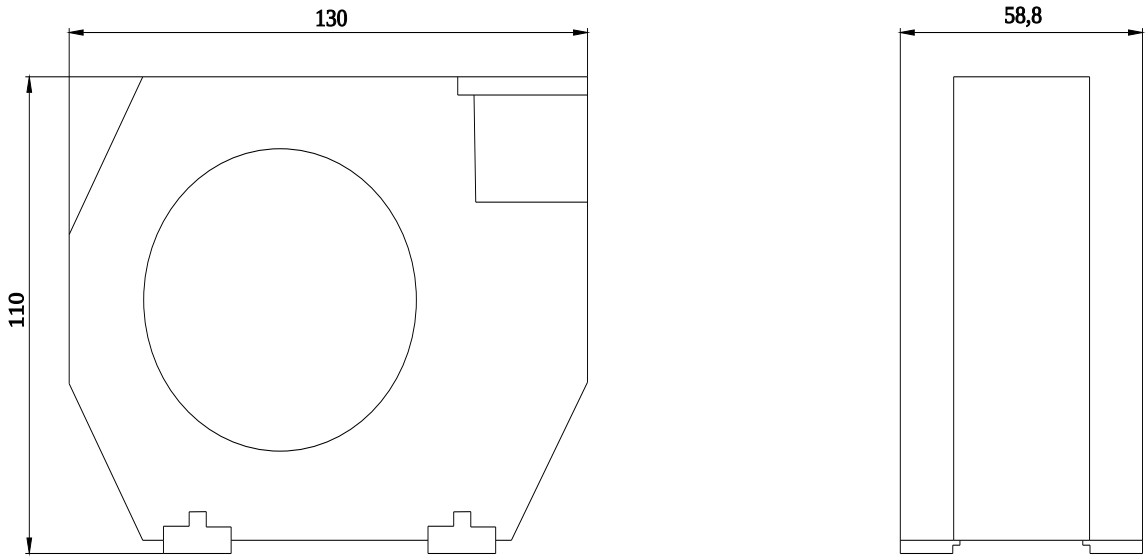
| Environment | | General Product Approval | | |
|---|---|---|---|---|
| Environmental Confirmations | Environmental Confirmations | | | Confirmation |

| General Product Approval | other | |
|---|---|---|
| | | Confirmation |

## 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/lowvoltage/catalogs
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SV8703-0KK
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5SV8703-0KK
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV8703-0KK
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications
**Kennlinien**
https://curves.simaris.siemens.com/curves/5SV8703-0KK


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