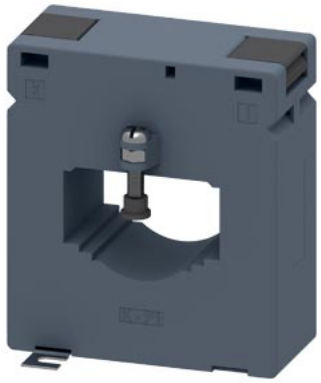
SIEMENS

## Data sheet 4NC5441-2CN21



current transformer 3000/5 A, 30 VA, Cl. 1.0

| | |
|---|---|
| **Model** | |
| **product brand name** | SENTRON |
| **product designation** | Current transformer |
| **design of the product** | Bushing-type current transformers |
| **product quality calibrated** | No |
| **size of the current transformer** | 4 |
| **operating apparent power rated value** | 30 VA |
| **operating voltage** | 0.72 kV |
| insulation voltage rated value | 3 kV |
| **designation of overcurrent limiting factor** | FS 5 |
| operational current rated value maximum | 3 600 A |
| **current** | |
| ● at input rated value | 3 000 A |
| ● at output rated value | 5 A |
| **accuracy class of the current transformer** | class 1 |
| **value range of the operating frequency** | 50/60 Hz |
| **Protection class** | |
| **protection class IP** | IP20 |
| **suitability for use for outside use** | No |
| **suitability for use for interior use** | Yes |
| **product feature touch protection** | Yes |
| **Connections** | |
| type of electrical connection at output | screw-type terminals |
| **Mechanical Design** | |
| **height** | 127.5 mm |
| **height of the opening** | 36 mm |
| **width** | 112 mm |
| **width of the push-through bus bar** | |
| ● at 1 bus bar maximum | 64 mm |
| ● in case of 2 bus bars maximum | 51 mm |
| **depth** | 77 mm |
| **fastening method** | screw fixing |
| **diameter of inlet opening** | 41 mm |
| **outer diameter of the push-through conductor maximum** | 41 mm |
| **Net Weight** | 1.359 kg |
| **Environmental conditions** | |
| **ambient temperature during operation** | |
| ● minimum | -30 °C |
| ● maximum | 55 °C |


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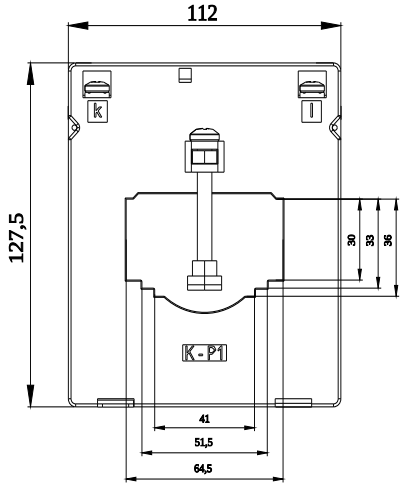
| | |
|---|---|
| **ambient temperature during storage** | |
| ● minimum | -30 °C |
| ● maximum | 70 °C |

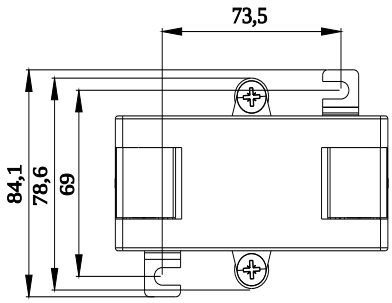
## Approvals Certificates

| General Product Approval | | | | 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/lowvoltage/catalogs
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4NC5441-2CN21
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/4NC5441-2CN21
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4NC5441-2CN21
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications




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| **last modified:** | 4/15/2025 |


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