SIEMENS

## Data sheet 7KT1670




SENTRON, measuring device, 7KT PAC1600, LCD, L-L: 400 V, L-N: 230 V, 80 A, strd rail instr., 3-phase, S0, apparent/active /reactive energy, self-powered, screw terminals

| | |
|---|---|
| **Model** | |
| **product brand name** | SENTRON |
| **product designation** | Energy counter |
| **product quality calibrated** | No |
| **type of measured value detection load profile** | No |
| **type of signal** | S0 |
| **design of the energy counter** | Solid-state |
| **design of the pulse output** | Electrical |
| **General technical data** | |
| **energy-related number of pulses** | |
| ● minimum | 1 1/kVAh |
| ● maximum | 1 000 1/kVAh |
| **type of the power supply network** | three-wire/four-wire |
| **operating voltage** | |
| ● between L and L minimum | 323 V |
| ● between L and L maximum | 456 V |
| ● between N and L minimum | 187 V |
| ● between N and L maximum | 264 V |
| **Protection class** | |
| **protection class IP** | IP40 |
| **Main circuit** | |
| operating frequency rated value | |
| ● minimum | 45 Hz |
| ● maximum | 65 Hz |
| operational current rated value | 80 A |
| **Suitability** | |
| **suitability for use** | Import/export |
| **Product function** | |
| **product function** | |
| ● backstop | Yes |
| ● blocking code | Yes |
| **Display and operation** | |
| **display version** | digital |
| **Number** | |
| **number of characters that can be displayed** | 10 |
| **Mechanical Design** | |
| **number of modular width units** | 4 |
| **fastening method** | DIN rail device |
| **Net Weight** | 360 g |


Subject to change without notice
© Copyright Siemens

## Approvals Certificates

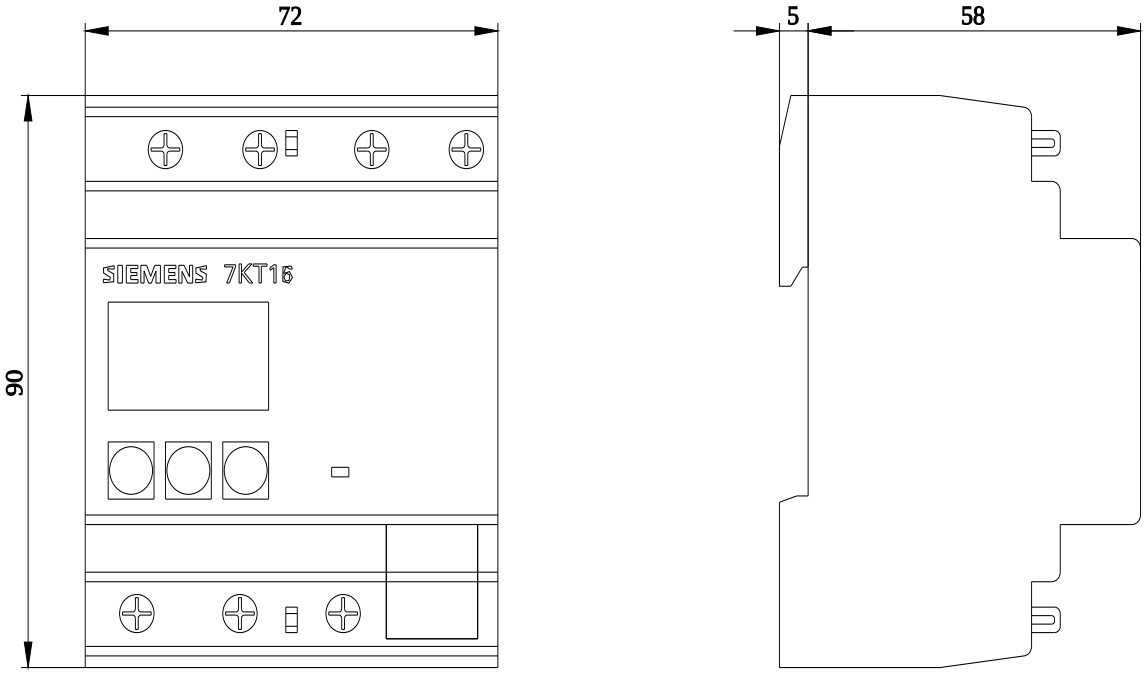
| Environment | General Product Approval | | | | other |
|---|---|---|---|---|---|
| Environmental Confirmations | EAC | Confirmation | CE EG-Konf. | UK CA | Confirmation |

## other

产品合格
QC PASS

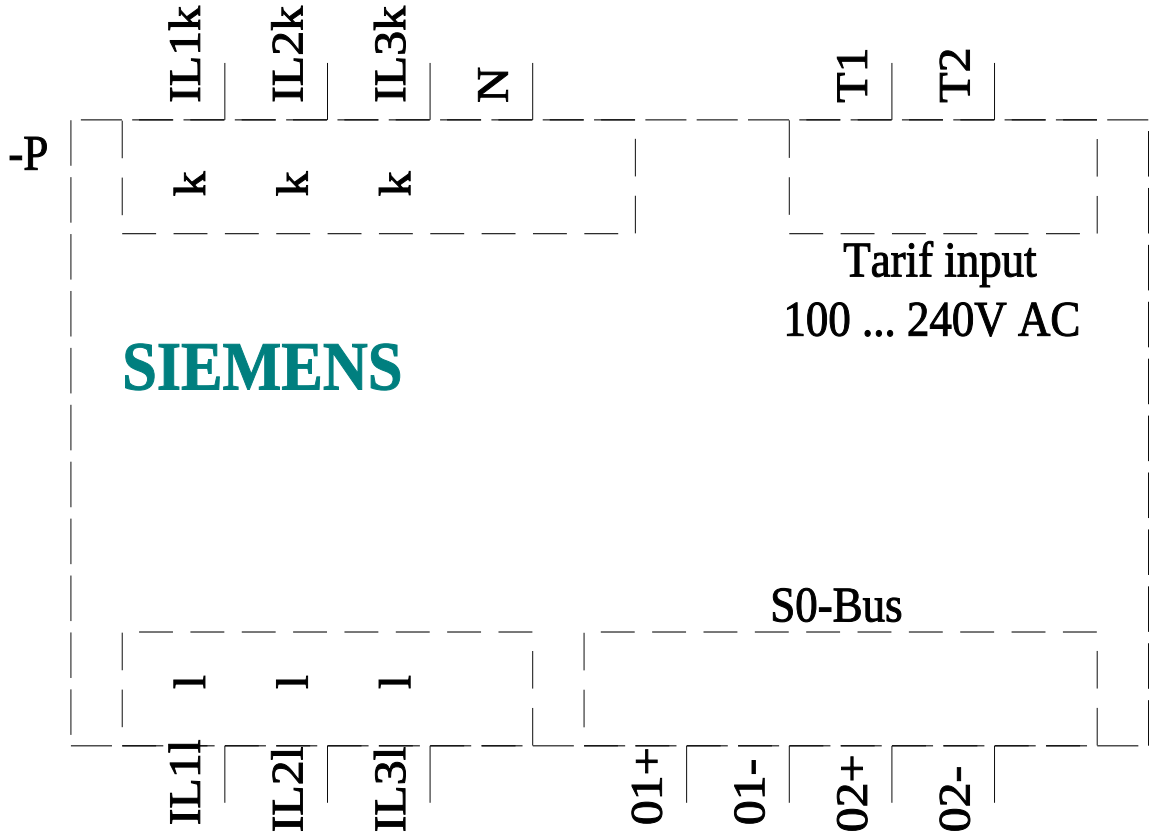
## Further information

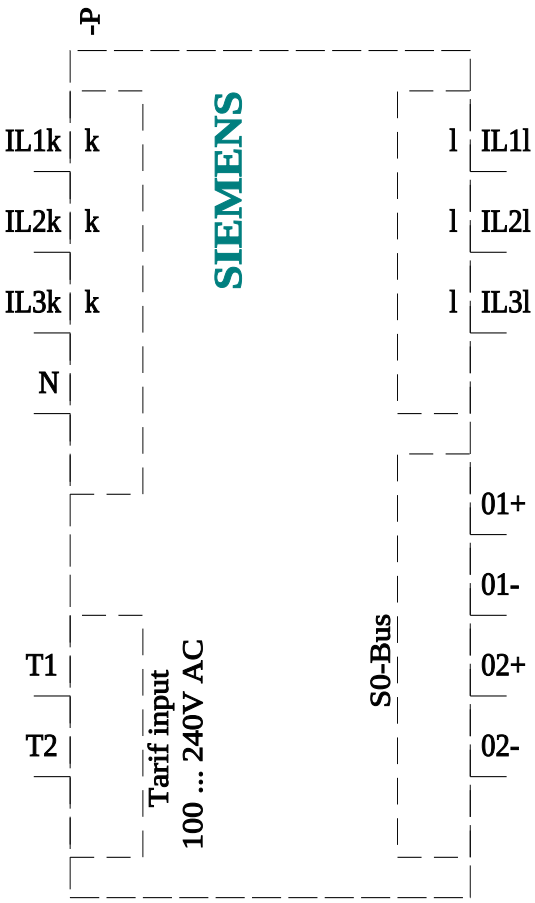
**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.siemens.com/lowvoltage/catalogs
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KT1670
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/7KT1670
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1670
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications
**Kennlinien**
https://curves.simaris.siemens.com/curves/7KT1670





Subject to change without notice
© Copyright Siemens




**last modified:** 6/15/2025


Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens