SIEMENS

## Data sheet 7KM2200-2EA30-1EA1

Siemens EcoTech

SENTRON 7KM measuring device PAC2200, L-L: 480 V, L-N: 277 V, 5 A, DIN-rail device, 3-phase, Modbus TCP, apparent / active / reactive energy, with internal power supply, apparent / active / reactive energy




| | |
|---|---|
| **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** | |
| **type of the power supply network** | three-wire/four-wire |
| **operating voltage** | |
| ● between L and L minimum | 3 V |
| ● between L and L maximum | 480 V |
| ● between N and L minimum | 3 V |
| ● between N and L maximum | 276 V |
| **Protection class** | |
| **protection class IP** | IP40 |
| **Main circuit** | |
| operating frequency rated value | |
| ● minimum | 45 Hz |
| ● maximum | 65 Hz |
| operational current rated value | 5 A |
| **Suitability** | |
| **suitability for use** | Import/export |
| **Product function** | |
| **product function** | apparent/active/reactive energy |
| **product function** | |
| ● backstop | Yes |
| ● blocking code | Yes |
| **Display and operation** | |
| **design of the display** | LCD |
| **display version** | digital |
| **Communication** | |
| protocol is supported | Modbus TCP |
| **Measuring inputs** | |
| measurable supply voltage | |


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| | |
|---|---|
| ● between (PE)N and L at AC maximum rated value | 277 V |
| ● between the line conductors at AC maximum rated value | 480 V |
| **Number** | |
| **number of characters that can be displayed** | 12 |
| **Mechanical Design** | |
| **number of modular width units** | 6 |
| **fastening method** | DIN rail device |
| **Net Weight** | 326 g |

**Approvals Certificates**

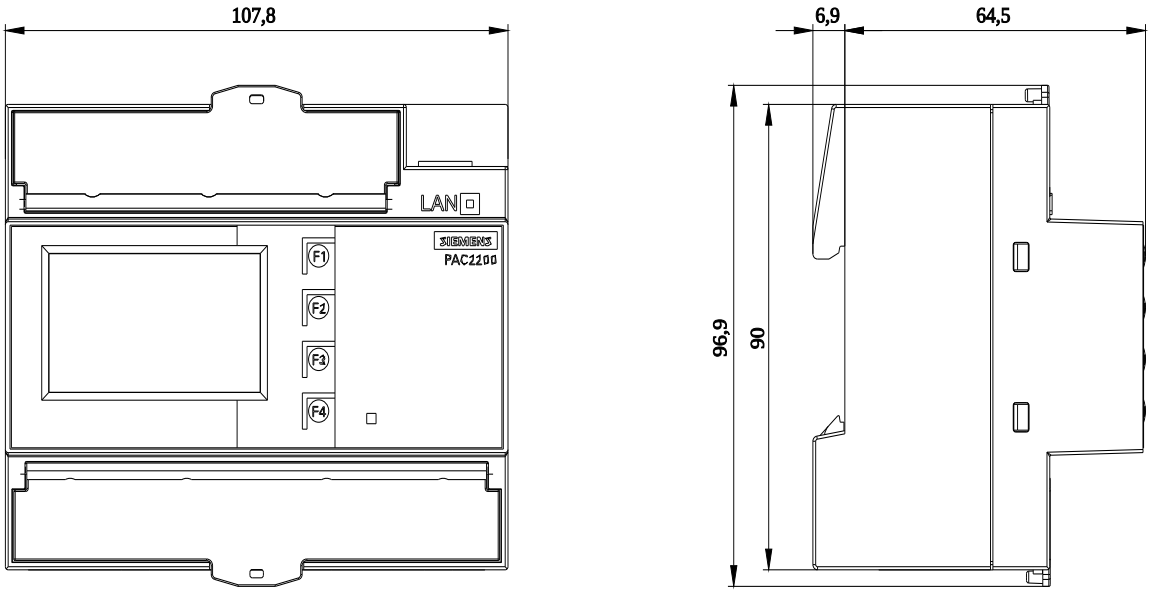
| Environment | | General Product Approval | |
|---|---|---|---|
| Environmental Confirmations | Environmental Confirmations | | |

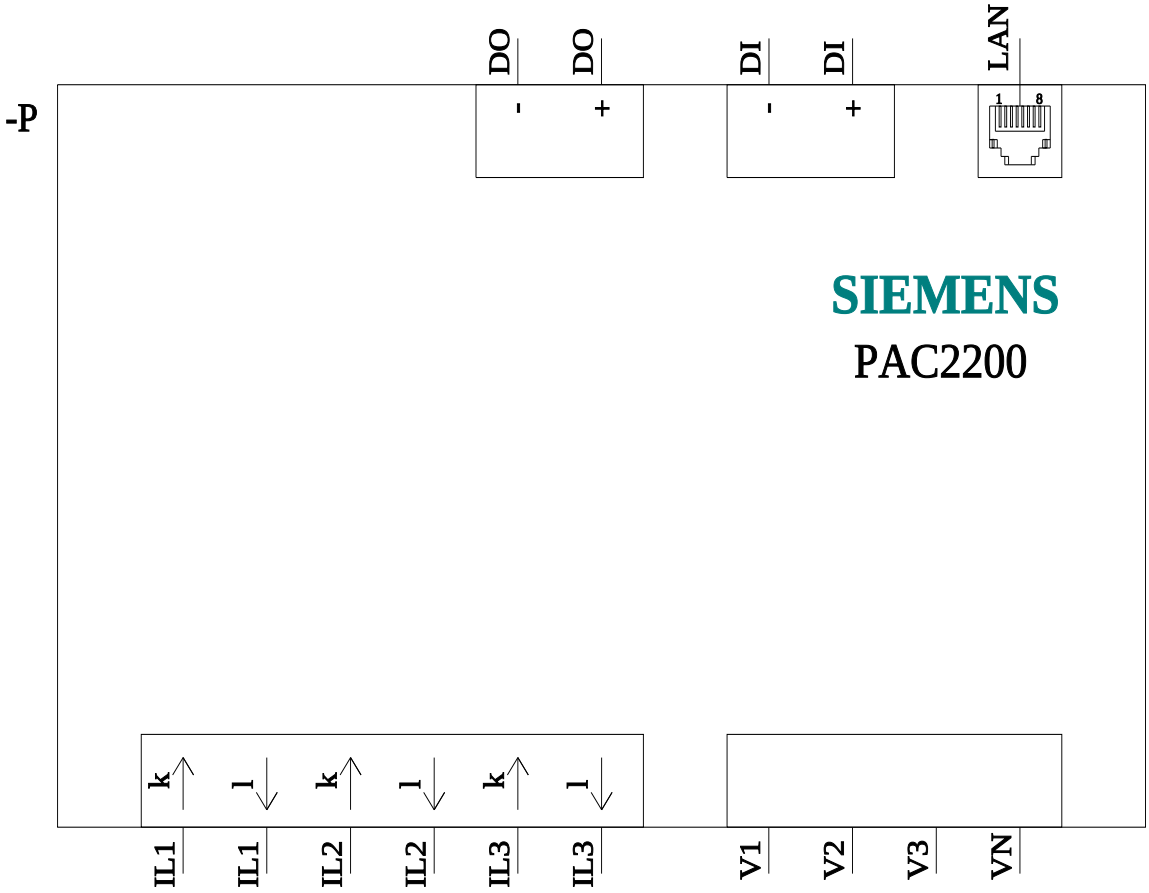
| General Product Approval | | other | |
|---|---|---|---|
| Confirmation | | Confirmation | |

**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=7KM2200-2EA30-1EA1
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/7KM2200-2EA30-1EA1
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM2200-2EA30-1EA1
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications
**Kennlinien**
https://curves.simaris.siemens.com/curves/7KM2200-2EA30-1EA1


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