

E-METER WITH LC-DISPLAY, 1 PHASE,80A,2XS0,2 TARIFFS,  
DIRECT CONNECTION CALIBRATED E.G. BY MID  
COMMUNICATION CAPABLE



Figure similar

| Model                                                                       |              |
|-----------------------------------------------------------------------------|--------------|
| product brandname                                                           | SETRON       |
| Product quality / calibrated                                                | Yes          |
| Type of measured value detection / load profile                             | No           |
| Type of signal                                                              | S0           |
| Design of the electricity meter                                             | Solid-state  |
| Design of the pulse output                                                  | Electrical   |
| General technical data                                                      |              |
| Energy-related number of pulses                                             | 1 000 1/kVAh |
| Energy-related number of pulses                                             |              |
| • minimum                                                                   | 1 000 1/kVAh |
| • maximum                                                                   | 1 000 1/kVAh |
| Type of the power supply network                                            | Single-phase |
| Accuracy class                                                              | 1.2          |
| Rated current of the consumption measurement / with transformer measurement | without      |
| Protection class                                                            |              |

|                                            |                                           |
|--------------------------------------------|-------------------------------------------|
| Protection class IP                        | IP50                                      |
| <b>Electricity</b>                         |                                           |
| Electricity meter current type             | two-wire meter                            |
| Tariff version of the electricity meter    | two tariff                                |
| Electricity meter energy type              | active energy meter/reactive energy meter |
| Short-term overload current                | 80 A                                      |
| <b>Main circuit</b>                        |                                           |
| Operating frequency                        |                                           |
| • initial value                            | 50 Hz                                     |
| • Full-scale value                         | 50 Hz                                     |
| • rated value                              | 50 Hz                                     |
| Operating voltage                          |                                           |
| • rated value                              | 230 V                                     |
| • between N and L / minimum                | 184 V                                     |
| • between N and L / maximum                | 276 V                                     |
| Operating current / rated value            | 15 A                                      |
| <b>Suitability</b>                         |                                           |
| Suitability for use                        | Import/export                             |
| • incremental value acquisition            | No                                        |
| <b>Product details</b>                     |                                           |
| Product component                          |                                           |
| • electronic pulse generator               | No                                        |
| • pulse output                             | Yes                                       |
| <b>Product function</b>                    |                                           |
| Product function                           |                                           |
| • Backstop                                 | No                                        |
| • Blocking code                            | No                                        |
| • Electricity tariff meter changeover      | Yes                                       |
| <b>Display and operation</b>               |                                           |
| Display version                            | digital                                   |
| <b>Communication</b>                       |                                           |
| Design of the interface                    | Other types                               |
| <b>Number</b>                              |                                           |
| Number of characters that can be displayed | 7                                         |
| <b>Connections</b>                         |                                           |
| Electricity meter connection type          | direct connection                         |
| <b>Mechanical Design</b>                   |                                           |
| Number of width units                      | 2                                         |

|                                       |              |
|---------------------------------------|--------------|
| Mounting type                         | installation |
| Mounting type / Side-by-side mounting | Yes          |

## Certificates

Certificate of suitability

Measuring Instruments Directive

| General Product Approval | EMC | Declaration of Conformity |
|--------------------------|-----|---------------------------|
|--------------------------|-----|---------------------------|



## Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/7KT1533>

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

<http://support.automation.siemens.com/WW/view/en/7KT1533/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7KT1533](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1533)

CAX-Online-Generator

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

Tender specifications

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

