

AMPERE-METER, DIGITAL AC 25A +999/5A, DEPTH=70MM FOR DIRECT AND TRANSF.CONNEC.



| Model                                   |                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| product brandname                       | SETRON                                                                                                               |
| Product quality / calibrated            | No                                                                                                                   |
| Type of built-in ammeter                | Other                                                                                                                |
| General technical data                  |                                                                                                                      |
| Type of device                          | DIN rail                                                                                                             |
| Rated operating power Ps                | <2                                                                                                                   |
| Metering precision (at 23 ±1 °C)        | ±0.5 ±1Digit                                                                                                         |
| Temperature effect, %/°C                | ±0.03                                                                                                                |
| Overload capability                     | continuous direct 22A, continuous transformer 5.5A, short-time for 1s direct 200A, short-time for 1s transformer 50A |
| Voltage                                 |                                                                                                                      |
| Type of voltage                         | AC                                                                                                                   |
| Current measuring range / initial value | 0 A                                                                                                                  |
| Test voltage / 50 Hz 1 minute           | 1.35kV                                                                                                               |
| Protection class                        |                                                                                                                      |
| Protection class IP                     | IP20, with connected conductors                                                                                      |
| Electricity                             |                                                                                                                      |

|                                            |            |
|--------------------------------------------|------------|
| Current measuring range / Full-scale value | 40 A       |
| Measuring ranges / AC                      | 0.4 to 20A |
| Current / as full-scale value              | 1 000 A    |

#### Product details

##### Product feature

- Transducer connection
- Dial illumination

No

No

#### Display and operation

|         |       |
|---------|-------|
| display | 3 LED |
|---------|-------|

#### Connections

|                                            |                                                            |
|--------------------------------------------|------------------------------------------------------------|
| Conductor cross-sections / mm <sup>2</sup> | 1 x 6mm <sup>2</sup> /2 x 4mm <sup>2</sup> ( rigid, max. ) |
| Connection terminals / ± screw (Pozidriv)  | 1                                                          |

#### Mechanical Design

|                                       |       |
|---------------------------------------|-------|
| Height                                | 90 mm |
| Width                                 | 36 mm |
| Number of width units                 | 2     |
| Mounting type / Side-by-side mounting | Yes   |

#### Environmental conditions

|                                 |              |
|---------------------------------|--------------|
| Permissible ambient temperature | -10 to +55°C |
|---------------------------------|--------------|

#### General Product Approval



#### 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/7KT1120>

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

<http://support.automation.siemens.com/WW/view/en/7KT1120/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7KT1120](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1120)

##### CAX-Online-Generator

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

##### Tender specifications

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

