



ECP140D

### 1 Phase kWhmeter direct 40A 1M S0 MID

#### Technical Features

##### Architecture

|              |      |
|--------------|------|
| Type of pole | 1P+N |
|--------------|------|

##### Electric current

|               |      |
|---------------|------|
| Rated current | 40 A |
|---------------|------|

##### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 1 |
|-------------------|---|

##### Connectivity

|                    |                   |
|--------------------|-------------------|
| Type of connection | Direct connection |
|--------------------|-------------------|

##### Dimensions

|        |       |
|--------|-------|
| Height | 92 mm |
| Width  | 18 mm |
| Depth  | 60 mm |

##### Equipment

|                         |            |
|-------------------------|------------|
| Type of pulse generator | Electrical |
|-------------------------|------------|

##### Compatibility

|              |                 |
|--------------|-----------------|
| Suitable for | Purchase/supply |
|--------------|-----------------|

##### Connection

|                                  |                         |
|----------------------------------|-------------------------|
| Cross-section of metering input  | 16 - 16 mm <sup>2</sup> |
| Cross-section of metering output | 16 - 16 mm <sup>2</sup> |

##### Installation, mounting

|                           |          |
|---------------------------|----------|
| Nominal tightening torque | 1 - 1 Nm |
| Mounting on               | DIN rail |

##### Mechanical features

|                                            |                |
|--------------------------------------------|----------------|
| Nominal tightening torque digital terminal | 0.50 - 0.50 Nm |
|--------------------------------------------|----------------|

##### Measurement

|                                |                    |
|--------------------------------|--------------------|
| Measuring system               | Direct measurement |
| Type of measuring instrument   | Electronic         |
| Current measurement range      | 0.25 - 40.0 A      |
| Measurement range voltage Ph-N | 184 - 276 V        |
| Frequency measuring range      | 45 - 65 Hz         |

##### Power supply

|                                   |   |
|-----------------------------------|---|
| Number of phases for power supply | 1 |
|-----------------------------------|---|

##### Functions

|                |            |
|----------------|------------|
| Accuracy class | B          |
| Tariff type    | One-tariff |
| Is calibrated  | Yes        |

##### Safety

|                               |      |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

##### Use conditions

|                               |             |
|-------------------------------|-------------|
| Operating temperature         | -25 - 55 °C |
| Storage/transport temperature | -25 - 70 °C |

##### Power

|                           |      |
|---------------------------|------|
| Power consumption VA      | 2 VA |
| Total power loss under IN | 1 W  |

|                                   |            |
|-----------------------------------|------------|
| <b>Electric current</b>           |            |
| Maximum measuring circuit current | 40 A       |
| <b>Frequency</b>                  |            |
| Frequency                         | 50 - 50 Hz |