



ECP380D

### 3 Phase kWhmeter direct 80A 4M S0 MID

#### Technical Features

##### Architecture

|              |      |
|--------------|------|
| Type of pole | 3P+N |
|--------------|------|

##### Electric current

|               |      |
|---------------|------|
| Rated current | 80 A |
|---------------|------|

##### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

##### Connectivity

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

##### Dimensions

|        |       |
|--------|-------|
| Height | 92 mm |
| Width  | 72 mm |
| Depth  | 60 mm |

##### Equipment

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

##### Compatibility

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

##### Connection

|                                  |                         |
|----------------------------------|-------------------------|
| Cross-section of metering input  | 33 - 33 mm <sup>2</sup> |
| Cross-section of metering output | 33 - 33 mm <sup>2</sup> |

##### Installation, mounting

|                           |          |
|---------------------------|----------|
| Nominal tightening torque | 2 - 2 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 - 80.0 A      |
| Measurement range voltage Ph-N  | 92 - 276 V         |
| Measurement range voltage Ph-Ph | 160 - 480 V        |
| Frequency measuring range       | 45 - 65 Hz         |

##### Functions

|                |                      |
|----------------|----------------------|
| Accuracy class | B                    |
| Tariff type    | T1...T2 (230 V AC)/- |
| 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 | 0.60 W |

##### Electric current

|                                   |      |
|-----------------------------------|------|
| Maximum measuring circuit current | 80 A |
|-----------------------------------|------|

|                       |            |
|-----------------------|------------|
| <b>Frequency</b>      |            |
| Frequency             | 50 - 50 Hz |
| <b>Sustainability</b> |            |
| REACH-SVHC free       | Yes        |
| RoHS conform          | Yes        |