



ECP180T

## 1 Phase kWhmeter direct 3x80A 4M S0

### Technical properties

#### Architecture

Number of poles 2 P

#### Functions

Precision class B

Tarif type T1...T2 (230 V AC) / -

#### Configuration

Number of modules 4

#### Compatibility

Suitable for Purchase / supply

#### Main electrical features

Rated operational voltage  $U_e$  92 / 276 V

Type of supply voltage AC

Frequency 50 Hz

#### Voltage

Max operating voltage 300 V

Rated impulse withstand voltage 6 kV

#### Electric current

Minimum operating current 0.015 A

Operating current 0.015 / 80 A

Rated current 80 A

Reference current 5 A

Max. measurement circuit current 80 A

#### Dimensions

Depth of installed product 60 mm

Height of installed product 92 mm

Width of installed product 72 mm

#### Power

Power consumed 2 VA

Total power loss under IN 1 W

Plage Impulsion/kWh 1 / 1000 Imp/kWh

#### Electrical specifications

Type of pulse generator électrical

**Measurement**

Frequency measuring range	45 to 65 Hz
Type of measuring instrument	electrical
Principle of measurement	Direct measurement

**Power supply**

Supply voltage	230 V $\pm$ 20%
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**Installation, mounting**

Tightening torque	2Nm
Mounting type	din-Rail

**Connection**

Wire cross section of metering entrance wire	33 mm <sup>2</sup>
Wire cross section of metering outgoing wire	33 mm <sup>2</sup>

**Settings**

Value of a pulse	100 Wh
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**Equipment**

Type of display	retro illuminated display
Tariff model of kilowatt-hour meter	Externa
Type of counter	three-point system

**Use**

Pulse duration	30 / 100 ms
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**Standards**

Standard text	IEC 62053-21 / 23 ; IEC 61557-12
European directive WEEE	concerned

**Use conditions**

Operating temperature	-25...55 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-25...70 °C