



ECP180D

## 1 Phase kWhmeter direct 80A 2M S0 MID

### Technical properties

#### Architecture

Number of poles	2 P
Type of pole	1P+N
Fixing mode	DIN rail type O (symmetrical)

#### Functions

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

Number of modules	2
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#### Compatibility

Suitable for	Purchase / supply
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#### Main electrical features

Rated operational voltage Ue	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	36 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	electronical
Principle of measurement	Direct measurement

#### 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	single-phase counter

#### Use

Pulse duration	30 / 100 ms
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#### Standards

European directive WEEE	concerned
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#### Safety

Protection index IP	IP20
Protection class	isol.class II
Halogen free	No

#### 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