



ECP380D



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

#### Technical characteristics

##### Architecture

Number of poles 4 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 / 480 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 0.6 W

Plage Impulsion/kWh 1 / 200 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	400 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	4 wires counter

**Use**

Pulse duration	30 / 100 ms
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**Standards**

Standard text	EN 50470-1 / 3 ; IEC 62053-21 / 23 ; IEC 61557-12
Certified product	MID (Measuring Instruments Directive)
European directive WEEE	concerned

**Safety**

Halogen free	No
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**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