



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 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 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%
----------------	-----------------

Installation, mounting

Tightening torque	2Nm
Mounting type	din-Rail

Connection

Wire cross section of metering entrance wire	33 mm ²
Wire cross section of metering outgoing wire	33 mm ²

Settings

Value of a pulse	100 Wh
------------------	--------

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
----------------	-------------

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