



ECP310D



3 Phase kWhmeter direct 125A 6M S0 MID

Technical characteristics

Architecture

Number of poles	4 P
Type of pole	3P+N

Functions

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

Configuration

Number of modules	6
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Compatibility

Suitable for	Purchase / supply
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Main electrical features

Rated operational voltage Ue	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	0.02 A
Operating current	0.02 / 125 A
Rated current	125 A
Reference current	5 A
Max. measurement circuit current	125 A

Dimensions

Depth of installed product	60 mm
Height of installed product	92 mm
Width of installed product	107 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	electronical
Principle of measurement	Direct measurement

Power supply

Supply voltage	400 V ± 20%
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Installation, mounting

Tightening torque	5Nm
Mounting type	din-Rail

Connection

Wire cross section of metering entrance wire	50 mm²
Wire cross section of metering outgoing wire	50 mm²

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)

Safety

Protection class	isol.class II
REACH conform	Yes
RoHS conform	Yes
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