



ECP140D

1 Phase kWhmeter direct 40A 1M S0 MID

Technical properties

Architecture

Number of poles	2 P
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Functions

Precision class	B
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Tarif type	One-tariff
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Configuration

Number of modules	1
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Compatibility

Suitable for	Purchase / supply
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Main electrical features

Rated operational voltage Ue	92 / 276 V
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Type of supply voltage	AC
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Frequency	50 Hz
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Voltage

Max operating voltage	300 V
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Rated impulse withstand voltage	6 kV
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Electric current

Minimum operating current	0.02 A
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Operating current	0.02 / 40 A
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Rated current	40 A
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Reference current	5 A
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Max. measurement circuit current	40 A
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Dimensions

Depth of installed product	60 mm
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Height of installed product	92 mm
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Width of installed product	18 mm
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Power

Power consumed	2 VA
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Total power loss under IN	1 W
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Plage Impulsion/KWh	1000 Imp/kWh
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Electrical specifications

Type of pulse generator	électrical
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Measurement

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

Power supply

Supply voltage	230 V ± 20%
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Installation, mounting

Tightening torque	1Nm
Mounting type	din-Rail

Connection

Wire cross section of metering entrance wire	16 mm ²
Wire cross section of metering outgoing wire	16 mm ²

Settings

Value of a pulse	100 Wh
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Equipment

Type of display	LCD
Type of counter	single-phase counter

Use

Pulse duration	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

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