



EC051

Single phase KWHmeter direct 32A 1M with pulsed output

Technical properties

Architecture

Type of pole	1P+N
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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
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Main electrical features

Rated operational voltage Ue	185 / 230 / 275 V
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Frequency	50 Hz
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Voltage

Rated insulation voltage	4 kV
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Electric current

Operating current	0.02 / 32 A
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Rated current	32 A
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Max. measurement circuit current	32 A
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Dimensions

Width of installed product	17.5 mm
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Power

Power consumed	6.7 VA
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Total power loss under IN	6.7 W
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Plage Impulsion/KWh	10 Imp/kWh
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Electrical specifications

Type of pulse generator	électrical
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Measurement

Idle power measurement	activ energy
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Voltage measurement range	230 V
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Type of measuring instrument	electronical
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Principle of measurement	Direct measurement
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Power supply

Number of phases for the power supply	1-phase
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Connection

Connection cross-sect. flexible conductor	1 / 4mm ²
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Type of Bus connexion	other
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Connection	direct connection
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Settings

Value of a pulse	100 Wh
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Equipment

Number of positions total	6
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Tariff model of kilowatt-hour meter	Externa
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Rolling code	No
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Use

Pulse duration	100 ms
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Interval between 2 pulses	48000 ms
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Standards

Approval	MID (Measuring Instruments Directive)
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Safety

Protection index IP	IP20
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REACH conform	Yes
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RoHS conform	Yes
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Use conditions

Operating temperature	-10...45 °C
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Storage/transport temperature	-25...70 °C
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