



EC051

Single phase KWHmeter direct 32A 1M with pulsed output

Technical properties

Architecture

Type of pole 1P+N

Functions

Precision class B

Tarif type One-tariff

Configuration

Number of modules 1

Compatibility

Suitable for Purchase

Main electrical features

Rated operational voltage Ue 185 / 230 / 275 V

Frequency 50 Hz

Voltage

Rated insulation voltage 4 kV

Electric current

Operating current 0.02 / 32 A

Rated current 32 A

Max. measurement circuit current 32 A

Dimensions

Width of installed product 17.5 mm

Power

Power consumed 6.7 VA

Total power loss under IN 6.7 W

Plage Impulsion/KWh 10 Imp/kWh

Electrical specifications

Type of pulse generator électrical

Measurement

Idle power measurement activ energy

Voltage measurement range 230 V

Type of measuring instrument electronical

Principle of measurement Direct measurement

Power supply

Number of phases for the power supply	1-phase
Supply voltage	230 V ± 20%

Connection

Connection cross-sect. flexible conductor	1 / 4mm ²
Connection cross-sect. rigid cable	1 / 6mm ²
Type of Bus connexion	other
Connection	direct connection

Settings

Value of a pulse	100 Wh
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Equipment

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

Use

Pulse duration	100 ms
Interval between 2 pulses	48000 ms

Standards

Approval	MID (Measuring Instruments Directive)
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Safety

REACH conform	Yes
RoHS conform	Yes

Use conditions

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