



EC050

Single phase KWHmeter direct 32A 1M

Technical characteristics

Architecture

Number of poles	2 P
Type of pole	1P+N

Functions

Precision class	B
Tarif type	One-tariff

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
Frequency	50 Hz

Voltage

Rated insulation voltage	4 kV
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Electric current

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

Power

Power consumed	6.7 VA
Total power loss under IN	6.7 W
Plage Impulsion/KWh	0 Imp/kWh

Electrical specifications

Type of pulse generator	optical
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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 \pm 20%
Installation, mounting	
Mounting type	din-Rail
Connection	
Connection cross-sect. flexible conductor	1 / 4mm ²
Connection cross-sect. rigid cable	1 / 6mm ²
Type of Bus connexion	without
Connection	direct connection
Settings	
Value of a pulse	0 Wh
Equipment	
Number of positions total	6
Tariff model of kilowatt-hour meter	Externa
Rolling code	No
Standards	
Approval	MID (Measuring Instruments Directive)
Use conditions	
Operating temperature	-10...45 °C
Storage/transport temperature	-25...70 °C