

ECP180D

1 Phase kWhmeter direct 80A 2M S0 MID

Technical properties

Architecture

Type of pole	1P+N
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Electric current

Rated current	80 A
Maximum measuring circuit current	80 A

Capacity

Number of modules	2
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Connectivity

Type of connection	Direct connection
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Dimensions

Height	92 mm
Width	36 mm
Depth	60 mm

Main electrical attributes

Type of pulse generator	Electrical
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Compatibility

Suitable for	Purchase/supply
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Connection

Cross-section of metering input	33 - 33 mm ²
Cross-section of metering output	33 - 33 mm ²

Installation, mounting

Nominal tightening torque	2 - 2 Nm
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Mechanical features

Nominal tightening torque digital terminal	0,50 - 0,50 Nm
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Measurement

Measuring system	Direct measurement
Type of measuring instrument	Electronic
Current measurement range	0,25 - 80,0 A
Measurement range voltage Ph-N	92 - 276 V
Frequency measuring range	45 - 65 Hz

Power supply

Number of phases for power supply	1
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Functions

Accuracy class	B
Tariff type	T1...T2 (230 V AC)/-
Is calibrated	Yes

Safety

Ingress Protection (IP) class	IP20
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Use conditions

Operating temperature	-25 - 55 °C
Storage/transport temperature	-25 - 70 °C

Power

Power consumption VA	2 VA
Total power loss under IN	1 W