



ECN140D

1 Phase kWhmeter direct 40A 1M

Technical characteristics

Architecture

Type of pole 1P+N

Electric current

Rated current 40 A

Maximum measuring circuit current 40 A

Capacity

Number of modules 1

Connectivity

Type of connection Direct connection

Dimensions

Height 92 mm

Width 18 mm

Depth 58 mm

Main electrical attributes

Type of pulse generator Optical

Compatibility

Suitable for Purchase

Connection

Cross-section of metering input 16 - 16 mm²

Cross-section of metering output 16 - 16 mm²

Installation, mounting

Nominal tightening torque 1 - 1 Nm

Measurement

Measuring system Direct measurement

Type of measuring instrument Electronic

Current measurement range 0.25 - 40.0 A

Measurement range voltage Ph-N 184 - 276 V

Frequency measuring range 45 - 65 Hz

Power supply

Number of phases for power supply 1

Functions

Accuracy class	B
Tariff type	One-tariff
Is calibrated	Yes
Safety	
Ingress Protection (IP) class	IP20
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