



ECN140D

**1 Phase kWhmeter direct 40A 1M**

**Technical properties**

**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 mm<sup>2</sup>

Cross-section of metering output 16 - 16 mm<sup>2</sup>

**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
<b>Safety</b>	
Ingress Protection (IP) class	IP20
<b>Use conditions</b>	
Operating temperature	-25 - 55 °C
Storage/transport temperature	-25 - 70 °C
<b>Power</b>	
Power consumption VA	2 VA
Total power loss under IN	1 W