

# ECN140D

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

## Architecture

Number of poles	2 P
Type of pole	1P+N
Fixing mode	DIN rail type O (symmetrical)

## Main electrical features

Rated operational voltage Ue	184 / 276 V
Frequency	50 Hz
Rated current	40 A
Type of supply voltage	AC

## Voltage

Max operating voltage	300 V
Rated impulse withstand voltage	6 kV

## Dimensions

Depth of installed product	58 mm
Height of installed product	92 mm

Width of installed product	18 mm
Power	
Power consumed	2 VA
Total power loss under IN	1 W
Measurement	
Type of measuring instrument	electronical
Capacity	
Number of modules	1
Power supply	
Supply voltage	230 V $\pm$ 20%
Installation, mounting	
Tightening torque	1Nm
Mounting type	din-Rail
Equipment	
Type of display	LCD
Type of counter	single-phase counter
Standards	
Standard text	IEC 62053-21 ; 23 ; IEC 61557-12
European directive WEEE	concerned
Safety	
Protection index IP	IP20
Protection class	isol.class II
Use conditions	
Operating temperature	-25/55 °C
Storage temperature	-25/70 °C
Temperature	
Operating temperature	-25/55 °C