



ECN140D

1 Phase kWhmeter direct 40A 1M

Technical characteristics

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
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Capacity

Number of modules	1
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Power supply

Supply voltage	230 V ± 20%
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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