



ECR140D

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

**Technical characteristics**

**Architecture**

Bus system	MODBUS
Number of poles	2 P
Type of pole	1P+N

**Main electrical features**

Rated operational voltage Ue	92 / 276 V
Frequency	50 Hz
Type of supply voltage	AC

**Voltage**

Max operating voltage	300 V
Rated impulse withstand voltage	6 kV

**Dimensions**

Depth of installed product	60 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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**Power supply**

Supply voltage	230 V $\pm$ 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	EN 50470-1 / 3 ; IEC 62053-21 / 23 ; IEC 61557-12
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**Safety**

Protection class

isol.class II

**Use conditions**

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Operating temperature

-25...55 °C