



ECM140D

## 1 Phase kWhmeter direct 40A 1M MBUS MID

### Technical characteristics

#### Architecture

Bus system	M-BUS
Number of poles	2 P
Type of pole	1P+N
Fixing mode	DIN rail type O (symmetrical)

#### Main electrical features

Rated operational voltage Ue	92 / 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	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	electrical
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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	EN 50470-1 / 3 IEC 62053-21 / 23 IEC 61557-12
European directive WEEE	concerned

#### Safety

Protection index IP	IP20
Protection class	isol.class II
<b>Use conditions</b>	
Operating temperature	-25...55 °C