



ECM180D

1 Phase kWhmeter direct 80A 2M 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
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	36 mm

Power

Power consumed	2 VA
Total power loss under IN	1 W

Measurement

Type of measuring instrument	electrical
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Power supply

Supply voltage	230 V ± 20%
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Installation, mounting

Tightening torque	2Nm
Mounting type	din-Rail

Equipment

Type of display	retro illuminated display
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
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Protection class	isol.class II
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Use conditions

Operating temperature	-25...55 °C
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