



ECM380D

3 Phase kWhmeter direct 80A 4M MBUS MID

Technical characteristics

Architecture

Bus system	M-BUS
Number of poles	4 P
Type of pole	3P / 3P+N
Fixing mode	DIN rail type O (symmetrical)

Main electrical features

Rated operational voltage Ue	92 / 480 V
Frequency	50 Hz
Rated current	80 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	72 mm

Power

Power consumed	2 VA
Total power loss under IN	0,6 W

Measurement

Type of measuring instrument	electronical
------------------------------	--------------

Capacity

Number of modules	4
-------------------	---

Power supply

Supply voltage	400 V \pm 20%
----------------	-----------------

Installation, mounting

Tightening torque	2Nm
Mounting type	din-Rail

Equipment

Type of display	retro illuminated display
Type of counter	4 wires 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
Use conditions	
Operating temperature	-25...55 °C