

WM3M4C

Smart energy meter for EV charging stations

 Fully Eichrecht compliant



Smart meters



IE14xx



WM1



WM3M4



IE38Mx



WM3x6



WM3M4C

- ▶ Manage personal energy consumption
- ▶ Monitor energy costs in real-time
- ▶ Increase energy efficiency by keeping track of peak usage timings
- ▶ Track and compare your energy usage
- ▶ Reduce your carbon emissions


WM3M4C
WM3M4
WM3x6
WM1
IE38Mx
IE14xx

3M wide – DIN rail

3M wide – DIN rail

3M wide – DIN rail

2M wide – DIN rail

3M wide - DIN rail

1M wide – DIN rail

 I_{max} = 40 A

 I_{max} = 40 A

 I_{max} = 65 A

 I_{max} = 65 A

 I_{max} = 80 A

 I_{max} = 40 A

 Working temp. range
-25 °C ... +70 °C

 Working temp. range
-25 °C ... +70 °C

 Working temp. range
-25 °C ... +55 °C

 Working temp. range
-25 °C ... +55 °C

 Working temp. range
-25 °C ... +70 °C

 Working temp. range
-25 °C ... +55 °C

 RS485 MODBUS
communication

 RS485 MODBUS
communication

 RS485 MODBUS or
M/BUS or Tariff input or
pulse output
communication

 RS485 MODBUS, Tariff
input communication

 SO output, RS485
MODBUS, M/BUS, NFC
or Tariff input
communication

 SO output, RS485
MODBUS, M/BUS or
NFC communication

IR communication

IR communication

IR communication

IR communication

IR communication

IR communication

Without buttons

Without buttons

With button

With button

With button

With button

 Two way energy
measurement (A+, A-)

 Two way energy
measurement (A+, A-)

 Two way energy
measurement (A+, A-)

 Bi-directional energy
measurement

 Bi-directional energy
measurement

 1-phase and 3-phase
connection

 1-phase and 3-phase
connection

 3-phase
connection

 1-phase
connection

 3-phase
connection

 1-phase
connection

 Class B for active
energy

 Class B for active
energy

 Class B for active
energy

 Class B for active
energy

 Class B for active
energy

 Class B for active
energy

MID certificate

MID certificate

MID certificate

MID certificate

MID certificate

MID certificate

 Public key
Data Matrix

 Digital
signature

 OCMF communication
protocol

 Eichrecht compliancy
certificate - Module B

 Eichrecht compliancy
certificate - Module D