

Energy Meter – BasicLine

Energy meters for DIN rail mounting

EM110-RTU-2P

EM111-RTU-2P



Technical data

Measurement range, voltage L-N, AC
Measurement range, voltage L-L, AC
Surge voltage category
Voltage supply
Three-wire system
Four-wire system
Measuring accuracy for voltage
Measuring accuracy for current
Measurement accuracy for active energy (kWh, /5 A)
Number of digital inputs
Number of digital outputs
Number of pulse outputs
Current-measuring channels
Max. current
Interface
Protocol

Note

176...276 V
II
No
No
0.5 %
0.5 %
Class 1 (IEC 62053-21), Class B (EN 50470-3)
0
0
2
1
5000 A
RS485
Modbus RTU

176...276 V
II
No
No
0.5 %
0.5 %
Class 1 (IEC 62053-21), Class B (EN 50470-3)
0
0
2
1
45 A
RS485
Modbus RTU

Ordering data

Note

Type	Qty.	Order No.
EM110-RTU-2P	1	7760051002

Type	Qty.	Order No.
EM111-RTU-2P	1	7760051001

Energy meters for DIN rail mounting

EM120-RTU-2P

EM122-RTU-2P



Technical data

Measurement range, voltage L-N, AC
Measurement range, voltage L-L, AC
Surge voltage category
Voltage supply
Three-wire system
Four-wire system
Measuring accuracy for voltage
Measuring accuracy for current
Measurement accuracy for active energy (kWh, /5 A)
Number of digital inputs
Number of digital outputs
Number of pulse outputs
Current-measuring channels
Max. current
Interface
Protocol

Note

138...276 V
240...480 V
III
85...275 V AC
Yes
Yes
0.5 %
0.5 %
Class 0.5
0
0
2
3
5000 A
RS485
Modbus RTU

176...276 V
240...480 V
III
Yes
Yes
0.5 %
0.5 %
Class 0.5
0
0
2
3
100 A
RS485
Modbus RTU

Ordering data

Note

Type	Qty.	Order No.
EM120-RTU-2P	1	7760051004

Type	Qty.	Order No.
EM122-RTU-2P	1	7760051003