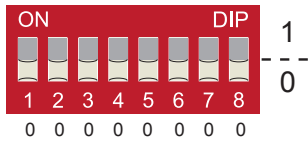


QUICK GUIDE - EE10 with RS485 Interface (Models M1 + M3)

(Full User Guide at www.epluse.com/ee10)

Address Setting

Dip-Switch

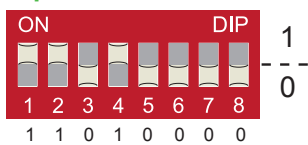


Slave address setting via EE-PCS Product Configuration Software:

All DIP-switches at position 0 → address has to be set via configuration software (factory setting: Modbus...236 / BACnet...5).

Example: Slave address is set via configuration software.

Dip-Switch



Slave address setting via Dip-Switch:

Setting the DIP-switch to any other address than 0 overwrites the slave address selected via configuration software.

Example: Slave address set to 11 (=00001011 binary).

BACnet Setup

BACnet PICS are available for download at www.epluse.com/ee10

Factory setting: Baud rate: 38400 / Data bit: 8 / Parity: no / Stop bit: 1

Modbus Setup

Factory setting: Baud rate: 9600 / Data bit: 8 / Parity: even / Stop bit: 1

The factory setting for the Slave-ID is 236 as an integer 16Bit value. This ID can be customized in the register 60001 (0x00) (value margin 1 - 247 permitted).

The serial number as ASCII-code is located at register address 30001-30008.

The measured values are saved as a 32Bit float value from 0x19 to 0x2F.

The required units (metric or non-metric) must be selected in the „Ordering guide“, see EE10 data sheet.

FLOAT (read register):

Register address	Communication address	Parameter name	
30026	0x19	temperature	[°C], [°F]
30028	0x1B	relative humidity	[%]
30030	0x1D	water vapour partial pressure	[mbar], [psi]
30032	0x1F	dew point temperature	[°C], [°F]
30036	0x23	absolute humidity	[g/m³], [g/ft³]
30038	0x25	mixing ratio	[g/kg], [gr/lb]
30040	0x27	specific enthalpy	[kJ/kg], [BTU/lb]
30042	0x29	frost point temperature	[°C], [°F]

Please note: Register address 30028...30042 is not available with temperature version: EE10-M3J3...

INFO (read register):

Register address	Communication address	Parameter name
30001	0x00	Serial number (as ASCII)
30009	0x08	Firmware version

INTEGER (write register):*

Register address	Communication address	Parameter name
60001	0x00	Slave-ID (modbus address)
60002	0x01	Modbus protocol settings*

* For Modbus protocol setting please see Application Note Modbus (www.epluse.com)

Protocol setting:

Address, baudrate, parity and stop bits can be set via:

1. Configurator software (available on www.epluse.com/)
2. Modbus protocol (please see Application Note Modbus (available on www.epluse.com))

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