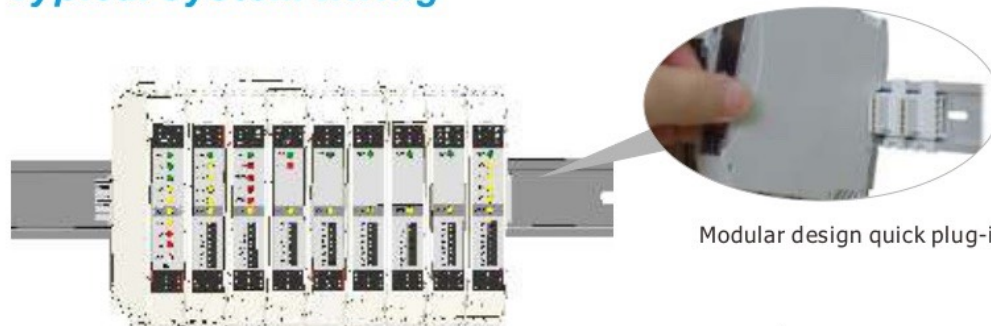## Typical system wiring

Modular design quick plug-in kit

EnergoM-MWG1 Other I/O modules, Max 31pcs

Minimal group: 1pcs **EnergoM**-**MWG1** + 1pcs **I/O module**

Maximum group: 1pcs **EnergoM**-**MWG1** + 31pcs **I/O modules**

Module selection chart

Module Code	Module Type	Description
EnergoM-MWG1	Core control unit	RJ45* 1, Built-in Websever RS485 Master* 1, RS485 Slave* 1 AUX: 24Vdc, support Din-rail kit power other modules
EnergoM-M122	Analog input	2* current input, 2* current output
EnergoM-M140	Analog input	4* current input
EnergoM-M240	Digital input	4* input
EnergoM-M304	Analog output	4* current output
EnergoM-M404	Digital output	4* output
EnergoM-M522	Analog input	2* current input, powered loop, 2* current output
EnergoM-M540	Analog input	4* current input, powered loop
EnergoM-M711	Temperature input	1* temperature input, 1* 4-20mA output
EnergoM-M730	Temperature input	3* temperature input
BT-kit	Din-rail mounting kit	Support AUX and internal data exchange

Typical system network

HMI/PC

Ethernet/WiFi gateway

TCP/IP Bus-line

RS485 Bus-line

PLC

EnergoM-MIOS

EnergoM-MIOS

AI / AO / DI / DO