

There are 5 types of expansion modules

- 8 Way Analog Universal Inputs
- 8 Way Analog Universal Outputs
- 16 Relay Outputs 4*4, 3A @ 250Vac
- 6 Relay Outputs 5A @ 250Vac
- Gateway Modbus TCP Ethernet

2 Year Guarantee



8 Analog Universal Inputs

- INPUT: 8 universal analog inputs;
- OUTPUT: RS485 - Modbus Slave (ASCII, RTU);
- Up to 64 modules on RS485 network;
- Mounting on a DIN rail;
- Voltage input: 0~10VDC; -10~+10VDC;
- Current input: 0~20mA; 4~20mA; -20~+20mA;
- Individual channel configuration;
- Comfortable connectors for cables (up to 2.5 mm²);
- Configuration: Modbus Configurator (free);

8 Analog Universal Outputs

- OUTPUT: 8 universal analog outputs;
- OUTPUT: RS485 - Modbus Slave (ASCII, RTU);
- Up to 64 modules on RS485 network;
- Mounting on a DIN rail;
- Voltage output: 0~10VDC;
- Current output: 0~20mA; 4~20mA;
- Individual channel configuration;
- Comfortable connectors for cables (up to 2.5 mm²);
- Configuration: Modbus Configurator; (free)

16 Relay Outputs

- OUTPUT: 16 digital relay PNP;
- INPUT: RS485 - Modbus Slave (ASCII, RTU);
- Up to 64 modules on RS485 network;
- Mounting on a DIN rail;
- Max load 3A/COM 250VAC; 3A/COM 30VDC;
- Watchdog function;
- Comfortable connectors for cables (up to 2.5 mm²);



6 Relay Outputs

- OUTPUT: 6 digital relay PNP;
- INPUT: RS485 - Modbus Slave (ASCII, RTU);
- Up to 128 modules on RS485 network;
- Mounting on a DIN rail;
- Max load 5A 250VAC; 10A 24VDC;
- Changeover contacts;
- Watchdog function;
- Comfortable connectors for cables (up to 2.5 mm²);

Gateway Modbus TCP

- Ethernet and RS485 Interface
- Ethernet (10/100Mbps) & RS485 (to 115200 bits/s)
- Gateway function for Modbus TCP protocol 4 clients TCPIP
- Modbus Device Table Function
- An Inbuilt website for configuration
- 4 digital inputs with counters (PNP or NPN);
- 3 Relay Outputs
- Comfortable connectors for cables (up to 2.5 mm²);



Technical Specifications

Power Supply	12-24 V DC \pm 20% 120 mA @ 12V / 100 mA @ 24V
Temperature	Work -20 °C - +65°C Storage -40 °C - +85°C
Connectors	Power Supply 2 pin Communication 3 pin Inputs & Outputs 2 x 10 pin Quick Configuration Mini USB
Size	Height 120 mm Length 101 mm Width 22,5 mm
Interface	RS485 Up to 64 devices
Measurement resolution	14 bits
ADC processing time	16ms / channel

Find out more at www.helioGD.com

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