MB16 Universal Input Module

Key Features

16 Channel Inputs

Analog or Digital Inputs

Modbus RTU Interface

The MB16s are Universal Input expansion modules. It can be used to expand ekoLITE controller's inputs or as input modules with Modbus interface. Each MB16 supports 16 Channels analog and digital inputs.

Universal Input

MB16 supports most types of digital and analog inputs. All inputs can be configured individually.

Minimise Wiring

MB16 uses Modbus interface for connection to ekoLITE. With this architecture, MB16 can be placed near the equipment to be monitored. Only a serial connection to the controller is required. This saves the overall wiring costs.

Specifications

Hardware

Inputs	16 Inputs
Input Types	Digital, 4-20mA, 0-10V, Thermistor temp. input
Protection	3-stage ESD protection on Modbus, PTC resettable fuse on power supply
Analog Sampling Accuracy	Voltage +/- 0.1% Current +/- 0.1%
Power Supply	10 to 28VDC
Supply Current	150mA

Communications

Serial Port	RS485
Serial Protocol	Modbus RTU

General

Operating Temperature	-20 to 60°C
Storage Temperature	-20 to 60°C
Mounting	DIN RAIL
Connectors	Detachable
Dimensions	155x60x110mm