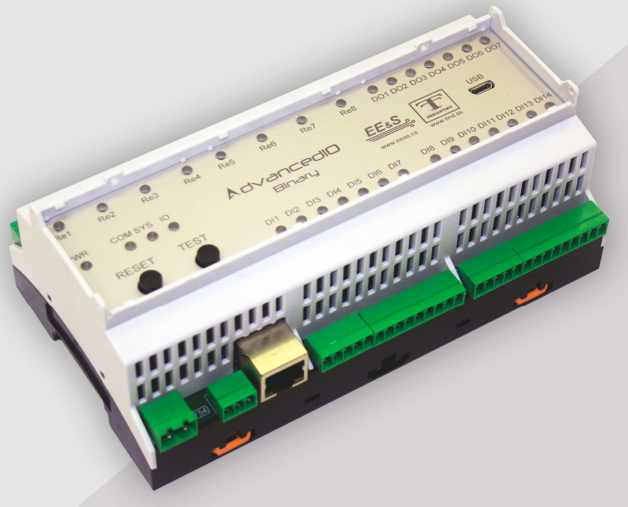
AdvancedIO Binary (trans. + rel.)

- 14 x digital input
- 7 x digital output
- 7 x relay
- Integrated Modbus communication
- Ability to mount on DIN rail

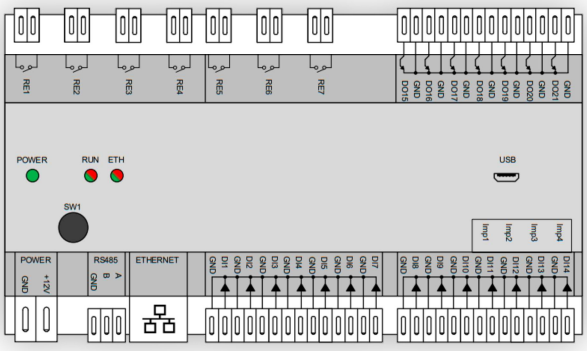


DESCRIPTION

Advanced IO Binary is a compact device with a large array of input/output interfaces. Thanks to a large amount of digital inputs, it can monitor up to fourteen sensors with digital output. Four of the digital inputs include an impulse counting function and can be used to connect measuring devices with impulse output. The device includes seven transistor outputs with maximum switching current 3 A and maximum switching voltage 48 VDC, as well as seven relays for switching larger loads with maximum current 8 A and voltage 250 VAC.
The whole device can be a part of the Industry 4.0 platform and is controlled through a serial interface RS485 using the industrial communication protocol Modbus/RTU, or through ethernet interface using the industrial communication protocol Modbus/TCP.
The device can be easily mounted on a DIN rail.

SPECIFICATION

Communication interface	1x Ethernet 1x RS485
Communication protocols	Modbus/RTU slave Modbus/TCP slave HTTP API (optional)
IO interface	10x digital input 9-48 VDC/5 mA 4x digital input 9-48 VDC/5 mA with option to configure as impulse type S0 (or similar) 7x transistor output 48 VDC/ 3 A 7x relay output 250 VAC/8 A
Temperature range	-20 to+50 °C
Power supply voltage	24 VDC
Power consumption	max. 2 W
Dimensions	162 x 90 x 63 mm
Mount	DIN rail

TYPICAL APPLICATION

- Industry 4.0
- SmartMetering
- Telemetry/remote control