



iSMA-B-MIX18-IP

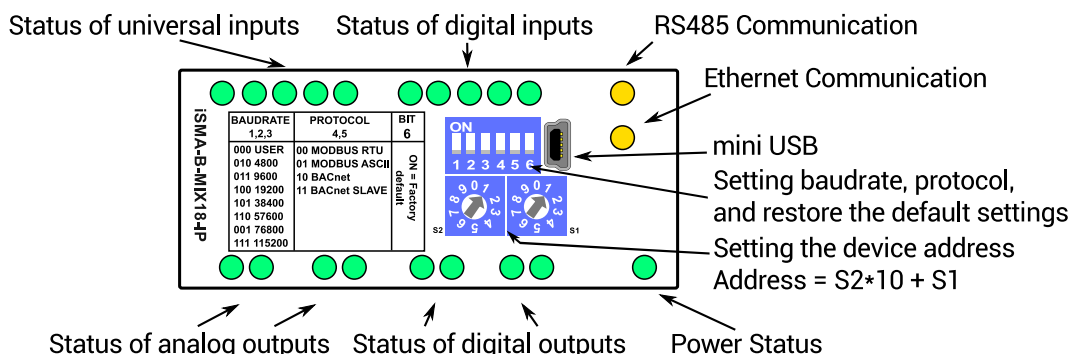


Version: 1.0

SPECIFICATION

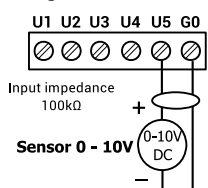
Supply	DC: 24V ± 20%, 4.4W; AC: 24V ± 20%, 6.6VA
Universal inputs	5 - voltage, current and resistance measurement, dry contact
Digital inputs	5 - dry contact input, high-speed pulse counter up to 100Hz
Analog outputs	4 - 0-10V DC output, maximum load up to 20mA
Digital outputs	4 - relay output; Resistive load max. 3A@250VAC, 3A@30VDC Inductive load max. 75VA@230VAC, 30W@30VDC
Interface	RS485, MODBUS or BACnet, up to 99 devices on the bus
Address	Ethernet, MODBUS TCP/IP or BACnet IP
Baudrate	Set by switch in range from 0 to 99
Ingress Protection Rating	Set by switch in range from 2400 to 115200 bps
Temperature	IP40 - for indoor installation
Relative humidity	Operating: -10°C to +50°C; Storage: -40°C to +85°C
Connectors	5 to 95% RH (without condensation)
Dimensions	Separable, max 2.5mm ²
Mounting	160mm x 110mm x 62mm
Housing material	DIN rail mounting (DIN EN 50022 norm)
	Plastic, self-extinguishing PC/ABS

TOP PANEL

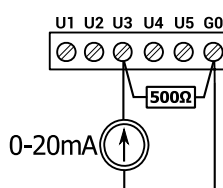


UNIVERSAL INPUTS

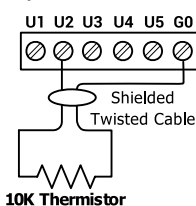
Voltage measurement



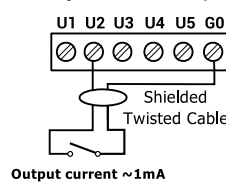
Current measurement



Temp. measurement

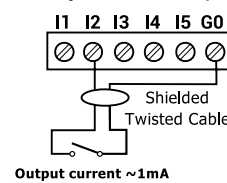


Dry Contact Input



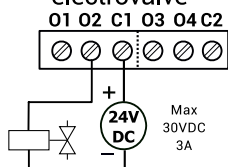
DIGITAL INPUTS

Dry Contact Input

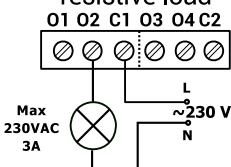


DIGITAL OUTPUTS

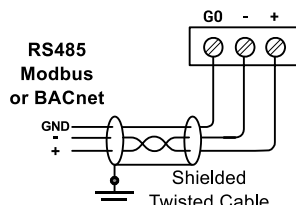
Connection of electrovalve



Connection of resistive load

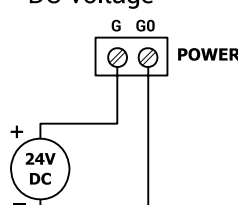


COMMUNICATION

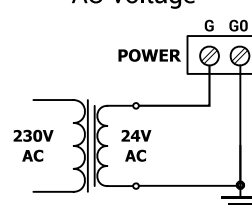


POWER SUPPLY

DC Voltage

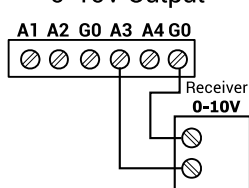


AC Voltage

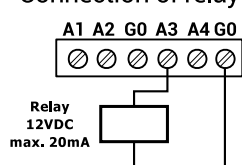


ANALOG OUTPUTS

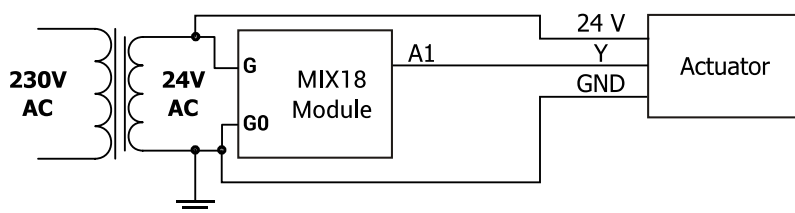
0-10V Output



Connection of relay



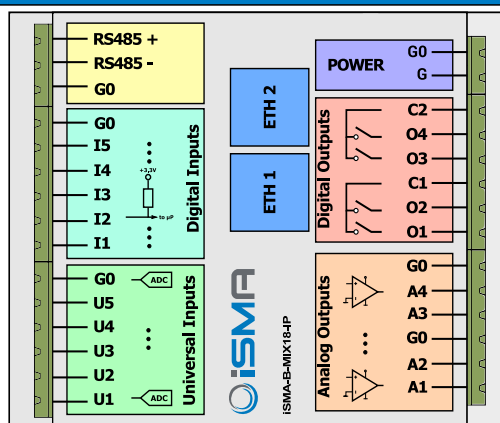
CONNECTION ACTUATOR TO ANALOG OUTPUT



WARNING

- Note, an incorrect wiring of this product can damage it and lead to other hazards. Make sure the product has been correctly wired before turning the power ON.
- Before wiring, or removing / mounting the product, be sure to turn the power OFF. Failure to do so might cause electric shock.
- Do not touch electrically charged parts such as the power terminals. Doing so might cause electric shock.
- Do not disassemble the product. Doing so might cause electric shock or faulty operation.
- Use the product within the operating ranges recommended in the specification (temperature, humidity, voltage, shock, mounting direction, atmosphere etc.). Failure to do so might cause fire or faulty operation.
- Firmly tighten the wires to the terminal. Insufficient tightening of the wires to the terminal might cause fire.

TERMINALS OF THE DEVICE



All G0 signals are connected together internally