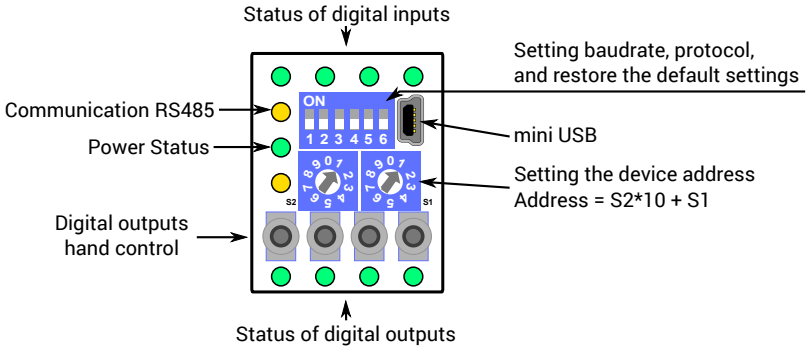
iSMA-B-4I4O-H

Version: 1.0

SPECIFICATION	
Supply	DC: 24V ± 20%, 1.2W; AC: 24V ± 20%, 1.8VA
Digital inputs	4 - dry contact input, high-speed pulse counter up to 100Hz
Digital outputs	4 - relay output; Resistive load max. 3A@250VAC, 3A@30VDC Incuctive load max. 75VA@230VAC, 30W@30VDC
Interface	RS485, MODBUS or BACnet, up to 99 devices on the bus
Address	Set by switch in range from 0 to 99
Baudrate	Set by switch in range from 4800 to 115200 bps
Ingress Protection Rating	IP40 - for indoor installation
Temperature	Operating: -10°C to +50°C; Storage: -40°C to +85°C
Relative humidity	5 to 95% RH (without condensation)
Connectors	Separable, max 2.5mm^2
Dimention	37mm x 110mm x 62mm
Mounting	DIN rail mounting (DIN EN 50022 norm)
Housing material	Plastic, self-extinguishing PC/ABS

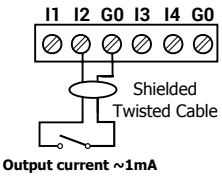
TOP PANEL



BAUDRATE 1,2,3	PROTOCOL 4,5	BIT 6
000 USER 010 4800 011 9600 100 19200 101 38400 110 57600 001 76800 111 115200	00 MODBUS RTU 01 MODBUS ASCII 10 BACnet 11 BACnet SLAVE	ON = Factory default

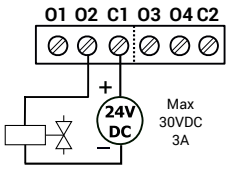
DIGITAL INPUTS

Dry Contact Input

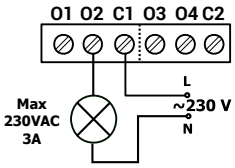


DIGITAL OUTPUTS

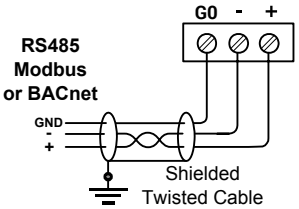
Connection of electrovalve



Connection of resistive load

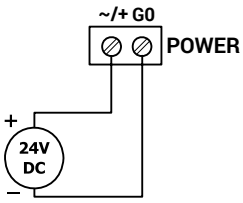


COMMUNICATION

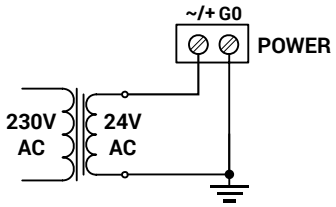


POWER SUPPLY

DC Voltage



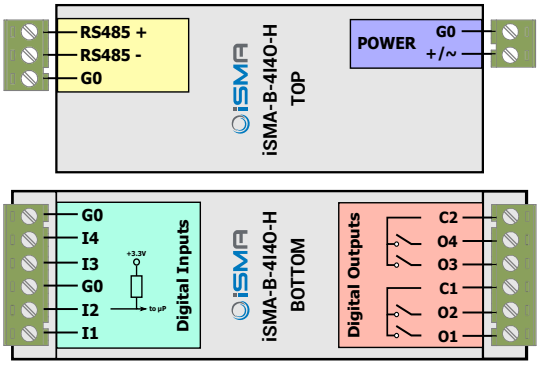
AC Voltage



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