

SPECIFICATION	
Supply	DC: 24 V ± 20%, 7 W; AC: 24 V ± 20%, 10.5 VA
Universal inputs	8 - voltage, current, resistance and temperature measurement, dry contact
Digital inputs	4 - dry contact input, high-speed pulse counter up to 100 Hz
Digital outputs	4 - relay output; Resistive load max. 3 A @ 230 V AC, 3 A @ 30 V DC Inductive load max. 75 VA @ 230 V AC, 30 W @ 30 V DC
Analog outputs	6 - 0-10 V DC output, maximum load up to 20 mA (A6 up to 5 mA)
Processor	Cortex M4 + M0 (204 MHz), Sedona Virtual Machine 1.2.28
Interface	2 x Ethernet, RS485, Host USB, 1Wire, Display Port, M-Bus (max 20 devices)
Ingress Protection	IP40 - for indoor installation
Temperature	Operating: -10°C do +50°C; Storage -40°C do +85°C
Relative Humidity	5 to 95% RH (without condensation)
Connectors	Separable 2.5 mm <sup>2</sup>
Dimensions	106 x 110 x 62 mm
Mounting	DIN rail mounting (DIN EN 50022 norm)
Housing material	Plastic, self-extinguishing PC/ABS

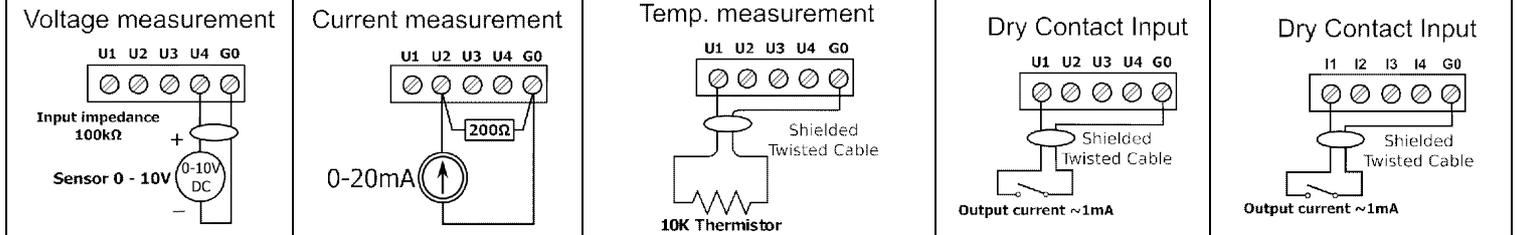
# iSMA-B-AAC20-LCD-M



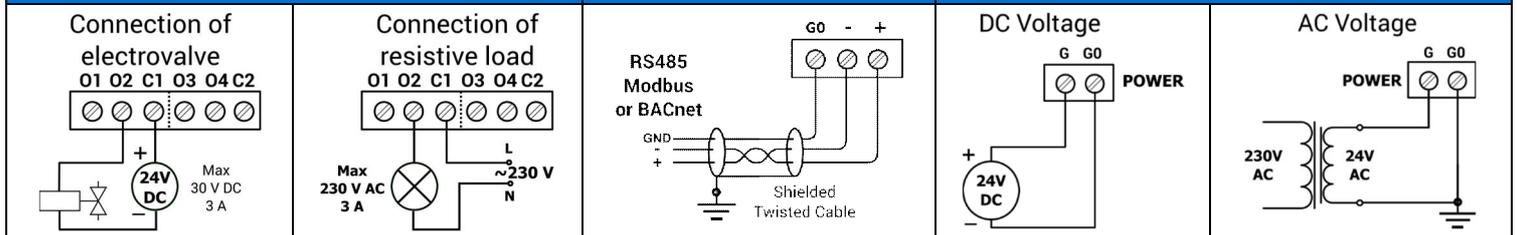
## TOP PANEL



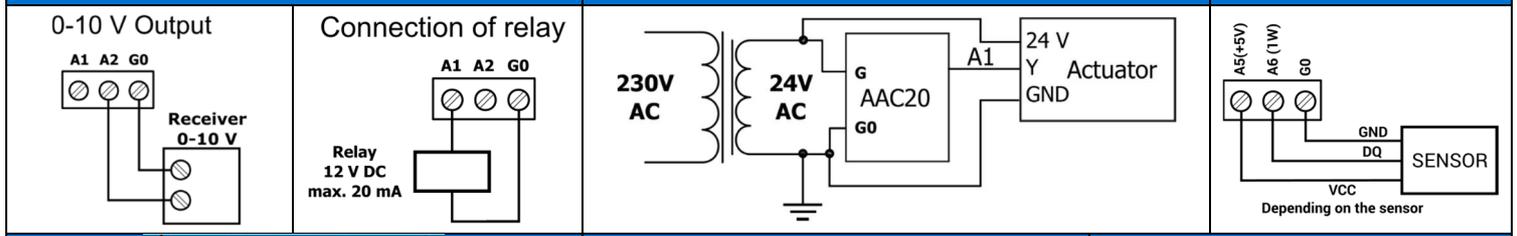
## UNIVERSAL INPUTS



## DIGITAL OUTPUTS COMMUNICATION POWER SUPPLY



## ANALOG OUTPUTS CONNECTION ACTUATOR TO ANALOG OUTPUT 1WIRE



## 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.

## BLOCK DIAGRAM M-Bus

