

ALTER

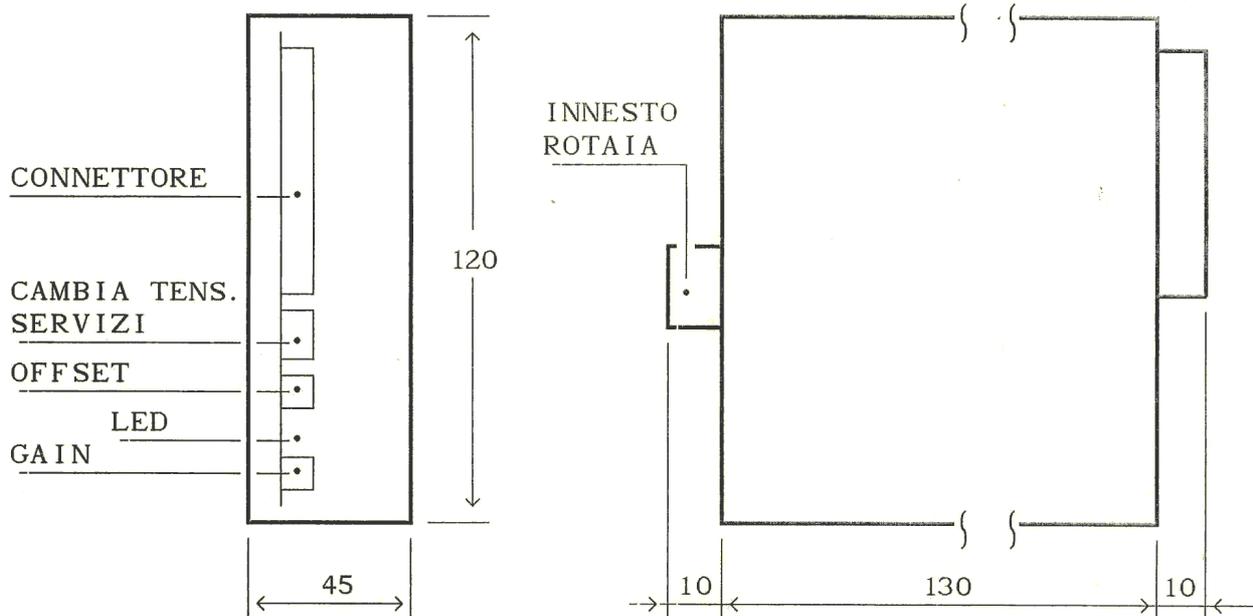
ALTER ELETTRONICA S.R.L.
15033 CASALE MONFERRATO (ITALY)

ANALOG ISOLATOR TYPE 13/001

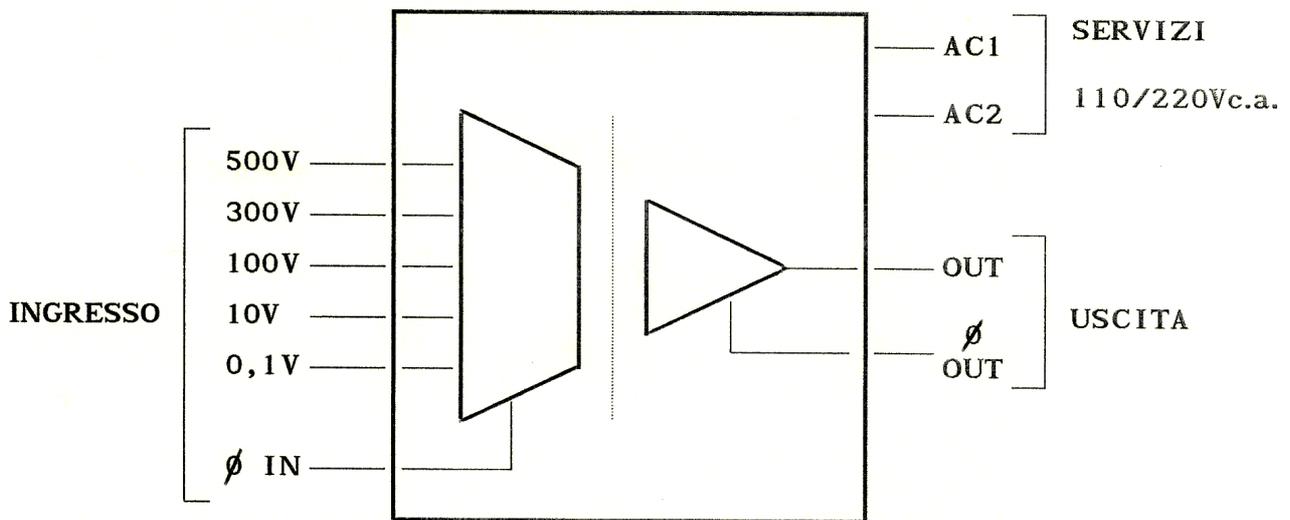
TECHNICAL DATA

- Protection grade: IP00.
- Maximum input tension: $\pm 0,1V$ / $\pm 10V$ / $\pm 100V$ / $\pm 300V$ / $\pm 500V$.
- Input resistance: 100ohm / 10K / 100K / 300K / 500K.
- Maximum output tension: $\pm 10V$.
- Maximum output current: 5mA.
- Output resistance: 100ohm.
- Pass band: 200Hz.
- Linearity: $\pm 1\%$.
- Input/output/supply insulation tension: 500Vac.
- Services supply: 110/220Vac (selectable) - 50/60Hz - 2VA.
- Operating temperature: 0 to $+60^{\circ}C$ (32 to $140^{\circ}F$)
- Storage temperature: -20 to $+60^{\circ}C$ (-4 to $140^{\circ}F$)
- Maximum operating altitude: 1000m (3280feet) a.s.l.
- Maximum relative humidity: 95% (without condensate).
- Connection: terminal strip.
- Mounting: on every type of rail.
- Regulation: Offset - Output voltage.

DIMENSIONS



CONNECTION



STARTUP

To check that:

- The equipment has not suffered damages in the transport and in the installation.
- The equipment is not run over by flows of heat.
- Enough space exists for the circulation of the air.
- The connections are performed in accordance with as reported in this manual.
- The supply of service is 110 or 220Vc.a.
- The voltage doesn't exceed that suitable on the used input.

You perform these operations to proceed as it follows:

- To select the voltage of the services (110/220Vca) on the voltage selector.
- To supply the services and to verify that the green led is turned on.
- To verify that without voltage in input the voltage in output is void (to eventually reset the present voltage with the Offset trimmer).
- To give voltage in input and to take the voltage in output to the value desired with the trimmer GAIN.

Note well:

- A positive voltage in input (referred to the clamp Ø IN) it corresponds to a positive voltage on the clamp OUT (referred to the clamp Ø OUT).

The ALTER Elettronica s.rl. declines every responsibility for inaccuracies or errors contents in this manual.

The content of this manual can be changed without warning.