

CZ113*- THRESHOLD FOR ANALOG SIGNALS

Alarm threshold to control an analog signal, with microprocessor.

- Programmable analog input via DIP-switch for current and voltage signals
- Stabilized power supply for transducers 2 wires technique with protection against short-circuit
- Alarm set-point regulation, regulation also for working delay and hysteresis.
- Indications on the front for presence of power supply and overflow for thresholds.
- Test-point to control set-point.
- Selection by DIP-switch for the type of alarm (min or max) for each of the 2 set-points and the state of relays (normally powered or normally not powered).
- Output with 2 relays.
- 3 points galvanic separation, 1500 Vac between power supply and input and outputs.
- Box in auto extinguishing polycarbonate, 1 DIN module, back for rail 35 mm (DIN 46277).



CZ1131 1 SET POINT RELAY OUTPUT

CZ1132 2 SET POINTS RELAY OUTPUT

CZ1133 3 SET POINTS RELAY OUTPUT

CONNECTIONS

CZ113 is designed to be mounted DIN 46277 rail, vertical position. For optimal functioning and life, it is necessary to assure an adequate ventilations to the modules, avoiding to place raceways or other objects that could close abat-vent. Avoid mounting modules on devices that generate heat; it is preferred mounting in the lower side of the square set.

It is recommended the use shielded cables for connecting signals; shield must be connected to a preferred round for the instrumentation. It is a good practise to avoid routing conductors near power appliances such as inverters, motors, induction furnaces etc.

TECHNICAL SPECIFICATIONS

Power supply:	19...40 Vdc / 19...28 Vac / 50-60 Hz
Power consumption:	2.5 W
Isolation:	1500 Vac (3way)
Transducer Power supply:	Yes
Setting:	dip-switch
Mounting:	35 mm DIN rail guide
Status indicators:	power supply, error, transmission/reception data, input status
Protection degree:	IP20
Operating temperature:	0...50°C
Dimensions WxHxD:	17.5x100x112 mm
Channel number input:	1
Voltage:	4 scales: 0-5, 1-5, 0-10, 2-10 V Min input impedance 1.000 Ohm
Current:	2 scales: 0/4...20 mA, active/passive, max load resistance 600 Ohm
Channel number output:	1
Relay:	CZ1131: relay SPDT, 1A 30VDC load or 5A - 250Vac resistive load CZ1132: relay SPST, max load 0.1 A 30V DC/AC (10VA resistive load) CZ1133: relay SPST, max load 0.1 A 30V DC/AC (10VA resistive load)
CE norms:	EN50081-2; EN55011; EN50082-2; EN61000-2-2/4; EN50140/141; EN61010-1



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