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DIGITAL SIGNALS PROCESSORS

S112D - DUAL POWER SUPPLY / AMPLIFIER FOR ON/OFF SENSORS with galvanic separation

Dual amplifier with power supply for proximity sensors.

Provided with 2 independent optoisolated inputs for reed contact, 2 and 3 wires npn sensor with 12 and 24 Vdc power supply, 2 and 3 wires pnp sensor with 24 Vdc power supply, NAMUR sensor, 24 Vdc pulse, photoelectric sensor and Hall effect sensor.



The two outputs are on two independent relays with 1 SPDT changeover (capacity 5 A 250 Vac resistive load).

Three LEDs signal instrument powered and relays energized.

The self-extinguishing Noryl case is the width of 4 DIN modules and is designed to fit on a 35 mm mounting rail (DIN 46277).

TECHNICAL DATA

- Power supply :
  S112D-1-ST 115 / 230 Vac +/- 10% 50 / 60 Hz
  S112D-23-ST 24 Vdc-ac +/- 10%
- Power consumption : 1,5 VA
- Inputs : 2 independent optoisolated inputs from reed, 2/3 wires npn 12 and 24 Vdc, 2/3 wires pnp 24Vdc, Namur, 24 Vdc pulse, photoelectric sensor and Hall effect sensor
- Outputs : 2 independent relays each with 1 SPDT changeover with capacity 5 A 250 Vac (resistive load)
- Input frequency : max. 400 Hz, minimum pulse duration 2 msec
- Resolution : 0,4%
- Stability : +/- 0,005% / °C
- Operating temp. : -10 / + 60 °C
- Humidity : 90 % a 40 °C (non-condensing)
- Dimensions (b x h x d) : 70 x 95 x 72 mm
- Weight : approx. 270 g.

ORDERING CODES

Code	Power supply
S112D-1-ST	115 - 230 Vac
S112D-23-ST	24 Vdc-ac
Z112D	24 Vdc-ac

For more info please refer to the operating manual

Characteristics can be subject to change without notice

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