

Z-TIMER-D - Electronic Timer with Microprocessor, 2 Independent Times



Input: Free Contacts (PAUSE, START, function SELECT)

Output: Nr 1 SPDT relay (8 A, 250 VAC)

Product Information

Power Supply:

12 to 24 VDC/AC; 115/230 VAC

Isolation:

4.000 VAC

Settings:

Trimmer, Pulse Duration (100-50 ms)

Z112A - ON/OFF Sensors Digital Amplifier, Single Channel



Amplifier with power supply and divider circuit for proximity sensors. Provided with 1 optoisolated input for reed contact, 2 and 3 wire NPN sensor with 12 & 24 VDC power supply, NAMUR sensor, 24 VDC Pulse, Photoelectric sensor, and HALL effect sensor. The output is of the relay type with 1 SPDT changeover (capacity 1 A 30 VDC or 5 A 250 VAC - resistive load). The device has a divider circuit with division factor that can be programmed from 1 to 256 by means of DIP switch and a circuit to enlonger output pulse till 500 ms approx. by frontal timmer. Two LEDs, signal instrument powered and relay energized. Provided with 3-way galvanic isolation between input, output, and power supply with insulation voltage of 1500 VAC. The self-extinguishing polycarbonate case is the width of 1 DIN module and is designed to fit on a 35 mm mounting rail (DIN 46277).

Input: Free Contact, NPN/PNP 2/3 Wire, 24 VDC, NAMUR, Photoelectric, Hall sensor, Variable Reluctance

Output: Nr 1 Relay SPDT (5 A, 250 VAC)

Product Information

Power Supply:	19 to 40 VDC, 19 to 28 VAC
Max Power Consumption:	2.5 W
Operating Temperature:	0 to +50 °C
Humidity:	30 to 90% at +40 °C (not condensing)
Dimensions:	17.5 x 100 x 112 mm (W x H x D)
Weight:	200 g

Z112D - Dual Power Supply / Amplifier for ON/OFF Sensors with Galvanic Isolation



Dual amplifier with power supply for proximity sensors. The instrument features galvanic separation at three points: input, output, power supply with 1500 VAC insulation. Provided with 2 independent optoisolated inputs for reed contact, 2 and 3 wire npn sensors with 12 and 24 VDC power supply, NAMUR sensor, 24 VDC pulse, photoelectric sensor, and Hall effect sensor. The two outputs are on two reed relays with 1 SPST contact (capacity 0.1 A 30 VDC/AC resistive load) with common line. Three LEDs on front panel for signal instrument powered and relays energized. The "V0" self-extinguishing glass filled nylon case is the width of 1 DIN module and is designed to fit on 25 mm mounting rail (DIN 46277).

Input: 2 Independent optoisolated inputs from reed, 2/3 wire NPN 12 and 24 VDC, Namur, 24 VDC pulse, photoelectric sensor, and Hall effect sensor.

Output: 2 Independent reed relays each with 1 SPDT changeover with capacity of 0.1 A, 30 VDC/AC (resistive load).

Product Information

Power Supply:	19 to 40 VDC, 19 to 28 VAC
Power Consumption:	Max 2.5 W
Galvanic Separation:	Input, Output, Power Supply - 1500 VAC
Operating Temperature:	0 to +50 °C
Humidity:	30 to 90% at +40 °C (not condensing)
Dimensions:	17.5 x 100 x 112 mm (W x H x D)
Weight:	200 g

Z113D - DC Current/Voltage, Double Alarm Trip Module



Double alarm threshold for control of analog signals, controlled by microprocessor, with 2 independent set-points. Widely used as alarm unit in control of temperature, pressure, flow rate, level, etc. The instrument features galvanic separation at three points: input/output/power supply with 1500 VAC insulation. The analog input can be programmed via DIP switches for all the standard signals used industrially.

Input: Current (0-20, 4-20), Voltage (0-5, 1-5, 0-10, 2-10 VDC)

Output: 2 reed-relay with 1 SPST contact, 0.1 A 30 VDC/AC (resistive load)

Product Information

Power Supply:	19 to 40 VDC, 19 to 28 VAC
Power Consumption:	Max 2.5 W
Galvanic Separation:	Input, Output, Power Supply - 1500 VAC
Input Impedance:	100 Ohm for Current Input 1 MOhm for Voltage Input
Operating Temperature:	0 to +50 °C
Humidity:	30 to 90% at +40 °C (not condensing)
Dimensions:	17.5 x 100 x 112 mm (W x H x D)
Weight:	200 g

Z113S - DC Current/Voltage, Single Alarm Trip Module



Single alarm threshold for control of analog signals, controlled by microprocessor. Widely used as alarm unit in control of temperature, pressure, flow rate, level, etc. The instrument features galvanic separation at three points: input/output/power supply with 1500 VAC insulation and input/output with 4000 VAC insulation. The analog input can be programmed via DIP switches for all the standard signals used industrially.

Input: Current (0-20, 4-20), Voltage (0-5, 1-5, 0-10, 2-10 VDC)

Output: 1 SPDT Relay (5 A, 250 VAC)

Product Information

Power Supply:	19 to 40 VDC, 19 to 28 VAC
Power Consumption:	Max 2.5 W
Galvanic Separation:	Input - Power Supply (1500 VAC), Power Supply - Output (4000 VAC), Input - Output (4000 VAC)
Input Impedance:	100 Ohm for Current Input 1 MOhm for Voltage Input
Operating Temperature:	0 to +50 °C
Humidity:	30 to 90% at +40 °C (not condensing)
Dimensions:	17.5 x 100 x 112 mm (W x H x D)
Weight:	200 g

Z113T - DC Current/Voltage, Triple Alarm Trip Module



Triple alarm threshold for control of analog signals, controlled by microprocessor, with 3 independent set-points. Widely used as alarm unit in control of temperature, pressure, flow rate, level, etc. The instrument features galvanic separation at three points: input/output/power supply with 1500 VAC insulation. The analog input can be programmed via DIP switches for all the standard signals used industrially.

Input: Current (0-20, 4-20), Voltage (0-5, 1-5, 0-10, 2-10 VDC)

Output: 2 reed-relay with 1 SPST contact 0.1 A, 30 VDC/AC (resistive load)

Product Information

Power Supply:	19 to 40 VDC, 19 to 28 VAC
Power Consumption:	Max 2.5 W
Galvanic Separation:	Power Supply, Input, and Output (1500 VAC)
Input Impedance:	100 Ohm for Current Input 1 MOhm for Voltage Input
Operating Temperature:	0 to +50 °C
Humidity:	30 to 90% at +40 °C (not condensing)
Dimensions:	17.5 x 100 x 112 mm (W x H x D)
Weight:	200 g