Z-LINE

MULTI-STANDARD SIGNAL CONVERTERS ISOLATORS > Electric Power Converters

Z204

AC/DC VOLTAGE TO DC CURRENT/VOLTAGE ISOLATOR/CONVERTER



VOLTAGE INPUT: 0..1.200 Vdc; 0..850 Vac

ANALOG OUPUT: mA/V

MODBUS PORTS: RS485 (backplane) RS232 (front)

ACCURACY CLASS: 0.5 (input), 0.1 (TRMS output)

ISOLATION: 2.500 Vac

POWER SUPPLY: 10..40Vdc / 19..28Vac

OPERATING TEMPERATURE: -20..65 ºC

SENECA

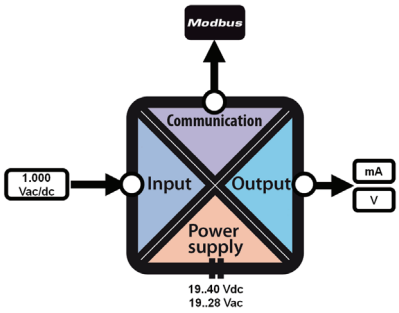
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Z204

AC/DC VOLTAGE TO DC CURRENT/VOLTAGE ISOLATOR/CONVERTER



Z204 accepts an alternate or direct voltage (up to 1.200 Vdc and 850 Vac) TRMS and provides an isolated analog output (mA or V). It disposes also of dip switches to set the specific range, input and output. It's available also a RS485 Modbus RTU interface. A 3-way galvanic isolation (up to 2,5 KV) among power supply // input // output circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

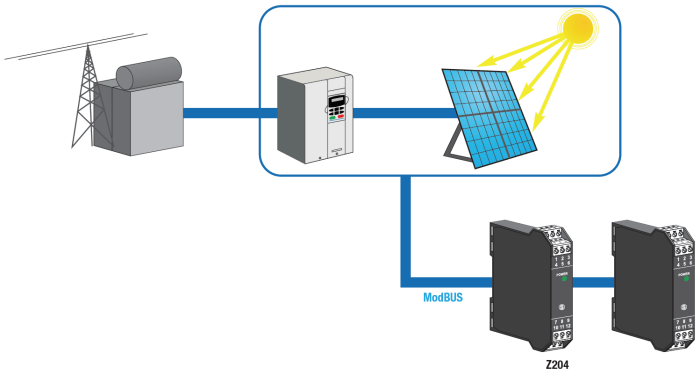
General Data	
Power Supply	10..40 Vdc; 19..28 Vac
Power Consumption	1 W
Isolation	2.500 Vac between input and power supply/output ports
Accuracy	0,5%
Status Indicators	Power Supply Fail RS485 Communication
Communication Interfaces	RS485, 1.200..115.200 bps RS232, 2.400 bps, address: 01, parity: no, data: 8 bits, stop bits:1
Setting	DIP-switches (adress, baud rate, line termination, input range) EASYSETUP (PC Software)
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating temp.	-20..+65°C
Weight	140 g
Dimension (W x H x D)	17.5 x 100 x 112 mm

Input	
Channel Numbers	1
Voltage Range	Direct Voltage Range: 0..1200 Vdc, Alternate Voltage Range: 0..850 Vac Impedance: 800 kΩ Frequency: 30..300 Hz Accuracy: 0.5

Output	
Channel Numbers	1
Voltage	0..10 V Min load resistance: 2.500 Ω
Current	2 scales: 0/4..20 mA (active/passive) Max load resistance: 600 Ω
RS485*	1200..115200 Baud * alternatively to the analog output
RS232	2400 Baud, Address: 01, Parity: NO, Data: 8bits; Stop bits: 1

Standard	
Approval	CE
Norme	EN 61000-6-4 EN 64000-6-2 EN 61010-1

APPLICATION NOTE



ORDER CODES

Code	Description
Z204	AC/DC Voltage converter (0..1.200 Vdc, 0..850 Vac) to DC current/voltage isolator/converter – RS485 ModBUS RTU

ACCESSORIES & SOFTWARE



PM001601
Programming cable



Z-PC DIN
Backplane, bus&power support



EASY SETUP
Programming software

SIMILAR PRODUCTS



Z201
AC current to DC isolator / converter



Z202
AC voltage to DC isolator converter



Z202-LP
AC / DC voltage to DC isolator / converter, loop powered



Z203-1
AC single phase network analyzer

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