

Z204-1

TRUE RMS AC/DC VOLTAGE
ISOLATOR / CONVERTER

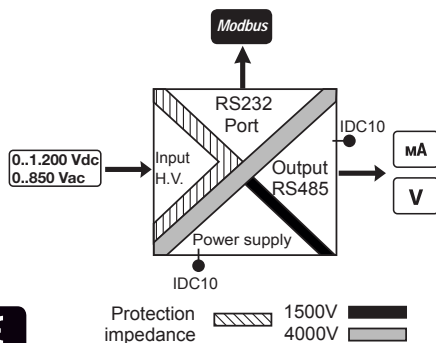


***BOTH MODBUS AND ANALOG OUTPUT
EVEN MORE SECURE WITH 4.000Vac ISOLATION***

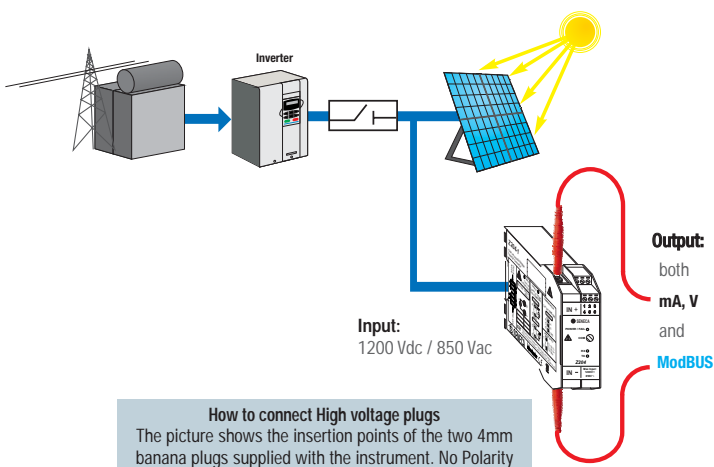
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Z204-1

TRUE RMS AC/DC VOLTAGE ISOLATOR / CONVERTER WITH RS485 MODBUS RTU PROTOCOL



APPLICATION NOTE



TECHNICAL SPECIFICATIONS

GENERAL DATA	
Power Supply	10..40 Vdc / 19..28 Vac
Power Consumption	1,0 W
Isolation	4.000 Vac between input and power supply/output ports
Accuracy	0.5%
Status Indicators	Power supply Fail RS485 Communication
Settings	DIP-switch (address, baud rate, input range), EASY SETUP (PC software)
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temp.	-20..+65°C
Weight	200 g
Dimension (W x H x D)	35 x 100 x 112 mm
STANDARD	
Approval	CE
Norms	EN 61000-6-4 EN 64000-6-2 EN 61010-1

Z204-1 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 for quick configuration. It's available also a RS485 Modbus RTU interface.

A 3-way galvanic isolation (up to 4 KV) among input and power supply/output ports assures the integrity of your datas.

Z204-1 is equipped with a front connector for programming and functional LED showing power / faults and data transmission.

ACCESSORIES & SOFTWARE



PM001601
Programming cable



Z-PC-DINAL1-35
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 power meter

INPUT

Channel numbers	1
Voltage Range	Direct Voltage Range: 0..1200 Vdc, 4 MOhm impedance Alternate Voltage Range: 0..850 Vac, 4 MOhm impedance Frequency: 30Hz – 60Hz Pass-band: 30..400 Hz (-3dB) Accuracy: 0.5 No polarity

OUTPUT

Channel Numbers	1
Voltage	0..10 V Impedenza minima: 1.000 Ω
Current	0/4..20 mA Impedenza massima: 600 Ω
RS485	Modbus RTU, 1200..115200 Bps
RS232	2.400 bps, address: 01, parity: NO, data: 8 bits, Stop bits:1

ORDER CODES

Codes	Description
Model Z204-1	AC/DC Voltage converter (0..1.200 Vdc, 0..850 Vac) to DC current/voltage isolator/converter – RS485 ModBUS RTU
Accessories PM001601	Programming Cable
Z-PC-DINAL1-35	Backplane, bus & power support



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