

# MODULAR CONVERTERS FOR ELECTRIC READINGS



## Z204-1 TRMS CONTINUOUS AND ALTERNATE VOLTAGE CONVERTER

### TECHNICAL DATA

#### GENERAL DATA

Power supply	10..40 Vdc 19..28 Vac (50..60 Hz)
Absorption	1 W
Insulation	4,000 Vac (input/output, input/power supply) 1,500 Vc (output/power supply)
State indicators	Power supply, Error Communication RS485
Response time	For a step variation 1 s from 10 to 90 %
Communication interfaces	RS485 (backplane): As an alternative to the analogue output, speed up to 115,200 bps, ModBUS RTU protocol RS232 (front connector for programming): baud rate, address, parity, data/stop bit
Precision class	0,5% input; 0,1% outputs.
Thermal drift	+100 ppm/K
Operating temperature	-20..+65°C
Connections	Screw removable terminals
Dimensions	35 x 100 x 112 mm
Weight	140 g
Settings	Dip-switch (address, baud rate, line terminator, input range) EASY-SETUP (Plug&Play software)
Certifications	EC
Regulations	EN 61000-6-4, EN61000-6-2, EN61010-1

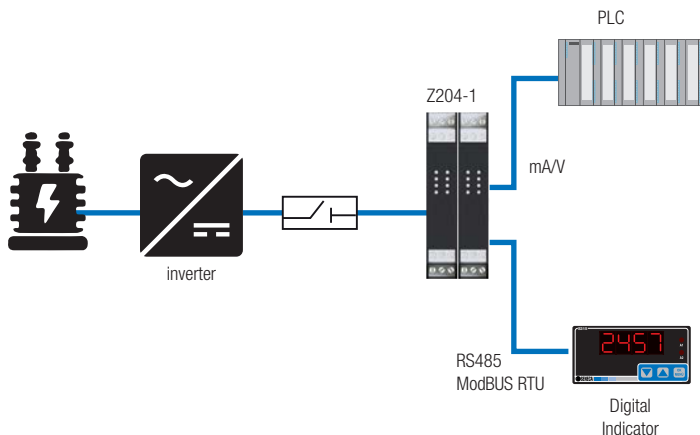
#### INPUT DATA

Channels	1
Type	CONTINUOUS VOLTAGE: 0..1,200 Vdc; ALTERNATE VOLTAGE 0..850 Vac Input impedance: 800 kΩ Frequency: 30..300 Hz

#### OUTPUT DATA

Channels	1
Type	CURRENT Range: 0..20 mA; max impedance: 500 Ω VOLTAGE Range: 0..10 V; Min impedance: 1 kΩ

### APPLICATION EXAMPLE



#### ORDER CODE

Code	Description
Z204-1	TRMS alternate and continuous voltage converter



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