

Z202-H	Z202-LP	Z203-2	Z204-1
		  	 
AC Voltage isolator converter, 85..265 V	AC/DC Voltage isolator converter, loop powered	Single phase power meter	AC/DC voltage isolator converter TMRS
85..265 Vac/dc	Self-powered from the input loop	10..40 Vdc 19..28 Vac (50..60 Hz) < 2,5 W	10..40 Vdc 19..28 Vac (50..60 Hz) 1 W
< 1,5 W	< 1mA		
4.000 Vac input/power supply 4.000 Vac output/power supply Power supply	4000 Vac input/output Power supply	3750 Vac input/output/power supply Power Supply, Error, RS485 communication	4000 Vac input/power supply and input/output 1500 Vac output/power supply Power Supply, Error, RS485 communication
		RS485 (backplane), 1200..115200 Baud bps, ModBUS RTU protocol Micro USB front for programming (baud rate, address, parity, data bits/stops)	RS485 (backplane), 1200..115200 Baud bps, ModBUS RTU protocol RS232 (jack stereo 3.5 mm front connector for configuration): baud rate, address, parity, data/stop bit
<100ms.	< 100 ms	< 10 ms	For a step variation: 1s from 10 to 90 %.
0,3%	0,3%	0,5%	0,5% input; 0,1% outputs.
+150 ppm/K	+150 ppm/K	+150 ppm/K	+100 ppm/K
-10..+65°C	-20..+65°C	-10..+65°C	-20..+65°C
17,5 x 100 x 112 mm	17,5 x 100 x 112 mm	17,5 x 100 x 112 mm	35 x 100 x 112 mm
Removable 3-way screw terminals, 5 mm pitch. cable section's 0.25-2.5 mm ²	Removable 3-way screw terminals, 5 mm pitch. cable section's 0.25-2.5 mm ²	Removable 3-way screw terminals, 5 mm pitch. cable section's 0.25-2.5 mm ² RS485 bus connection	Removable 3-way screw terminals, 5 mm pitch. Standard 4 mm banana sockets RS485 bus connection Frontal jack 3.5 mm for module configuration 140 g
200 g	140 g	140 g	140 g
Dip-switch Jumper (Output range)	Dip-switch (Input range)	Dip-switch (address, baud rate, line terminator, input range) EASY-SETUP (Plug&Play software)	Dip-switch (address, baud rate, line terminator, input range) EASY-SETUP (Plug&Play software)
CE	CE	CE - UL	CE
EN 60688+A1+A2, EN 61000-6-4, EN 61000-6-2, EN 61010-1, EN 60742, IEC 61131	EN 61000-6-4, EN 61000-6-2, EN 61010-1, EN 60742, IEC 61131	EN 61000-6-4, EN 61000-6-2, EN 61010-1, EN 60742, IEC 61131	EN 61000-6-4, EN61000-6-2, EN61010-1
1	1	1 (single phase load)	1
AC VOLTAGE 0..500 Vac Input impedance: 2000 Ω /V Frequency: 10 Hz..1 kHz	AC VOLTAGE 0..500 Vac DC VOLTAGE 0..540 Vdc Maximum Voltage 710 Vpk Frequency DC / 20 Hz..400 Hz	AC VOLTAGE Up to 500 Vac, frequency 35 to 75 Hz. AC CURRENT Input range: 5 Arms, Max peak factor 3, Max Current 15 A, Frequency 35 to 75 Hz.	DC VOLTAGE 0..1200 Vdc Input impedance 4 MΩ AC VOLTAGE 0..850 Vac nput impedance 4 MΩ Frequency 30Hz – 60Hz
1	1	1 analog, 1 digital	1
CURRENT Active or passive: 0..20 mA or 4..20 mA Maximum load resistance 600 Ohm VOLTAGE 0..5 V, 1..5 V, 0..10 V, 2..10 V Minimum load resistance: 2500 Ohm	CURRENT Passive, 4..20 mA	CURRENT 0..20 mA, 4..20 mA, maximum load resistance 500 Ohm VOLTAGE 0..10 Vdc, 0..5 Vdc, minimum load resistance 2000 Ohm DIGITAL Passive digital Output for pulses (energy counter) 200ms	CURRENT 0..20 mA, 4..20 mA, maximum load resistance 500 Ohm VOLTAGE 0..10 Vdc, 0..5 Vdc, minimum load resistance 2000 Ohm DIGITAL Passive digital Output for pulses (energy counter)
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