



# Z-LINE Z202

AC Voltage to DC isolator / converter

Z-LINE

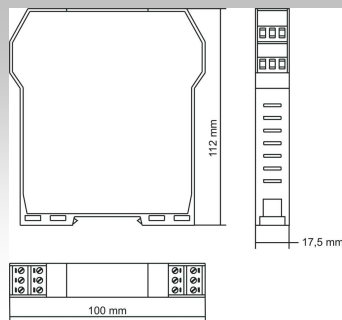
Electric parameters converters



- ▶ INPUT:N.1 channel voltage 10..490 Vac in 41 presetted scales
- ▶ OUTPUT:N.1 channel current 0..20, 4 . 20 mA or voltage 0..10, 2..10 Vdc
- ▶ Galvanic isolation @ 3-way:
  - 3,75 KVac between input and power supply/output
  - 1,5 KVac between power supply/output (**Z202**)
  - 4,0 KVac between power supply/output (**Z202-H**)
- ▶ High accuracy: 0,3%
- ▶ Screw-fit terminals removable
- ▶ Din rail mounting
- ▶ Power supply: **Z202**: 9..40 Vdc, 19..28 Vac  
**Z202-H**: 85-265 Vac/Vdc

# TECHNICAL DATA

## Z202 – AC Voltage to DC isolator / converter



### ORDER CODE

**Cod. Z202** Power Supply: 9..40Vdc / 19..28 Vac

**Cod. Z202-H** Power Supply: 85..265 Vac /Vdc

### GENERAL FEATURES

<b>Power supply</b>	9÷40Vdc, 19÷28 Vac; 85..265 Vac
<b>Channels</b>	N.1
<b>Accuracy</b>	0,3%
<b>Status indicators</b>	Power
<b>Galvanic Isolation</b>	Galvanic isolation @ 3-way: 3,75 kVac between input and power supply/output and 1,5 kVac between power supply and output circuits
<b>Hot swapping</b>	Yes
<b>Power consumption</b>	2,5 W
<b>Sampling frequency</b>	33 samples / second
<b>Protections</b>	Surges: 400W/ms. Loop supply short-circuit protected
<b>Installation class</b>	III, it can be applied on a three-phase network of up to 500V AC phase-phase, 300V AC phase-ground
<b>Humidity</b>	30..90% a +40°C (not condensing)

<b>Design</b>	Terminal housing for mounting on 35 mm DIN 46277
<b>Admitted overload</b>	up to 10% of end scale
<b>DIP Switch</b>	-Inputs signal setup -Outputs signal setup
<b>Enclosure</b>	"V0" self-extinguishing glass filled nylon case
<b>Dimensions</b>	17,5 x 100 x 112 mm (w x h x d)
<b>Weight</b>	140 g
<b>Operating temperature</b>	0..60 °C
<b>Connections</b>	Plug-in screw clamp terminal blocks, wires up to 2.5 mm <sup>2</sup>
<b>IP Protection</b>	IP 20
<b>Standards</b>	EN50081-2 EN50082-2 EN61010-1 EN60742
<b>Approvals</b>	CE

### INPUT

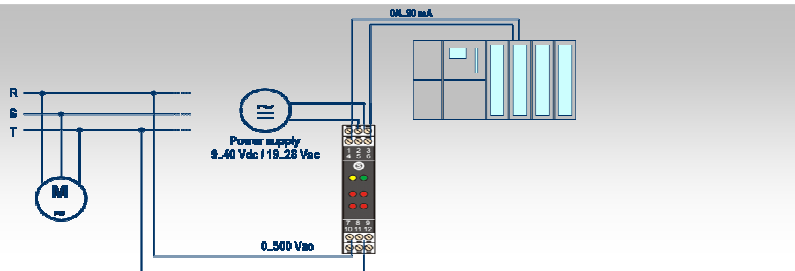
**Alternate Voltage:** 0..490 Vac in 41 presetted scales  
**Input impedance:** 200 Ohm/V  
**Frequency:** 10 Hz..1KHz

### OUTPUT

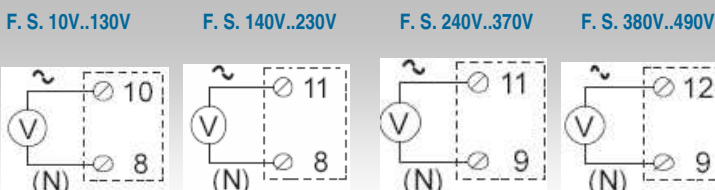
**Current:** 0..20 mA, 4..20 mA  
**Higher load resistance:** 600 Ohm  
**Voltage:** 0..5 Vdc, 1..5 Vdc, 0..10 Vdc and 2..10 Vdc  
**Lower load resistance:** 2,5 KOhm

### DIMENSIONS AND INSTALLATION

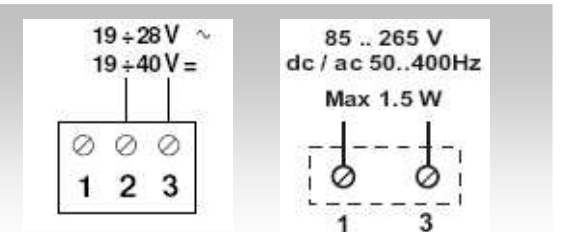
#### Application note



#### Input



#### Power supply



#### Output

