

# Z-LINE T201

## 2 Wire – Current Transformer

Z-LINE

Electric parameters converters



- ▶ INPUT:N.1 channel current 0..40 Aac, span selectable by dip-switch (5 / 10 / 15 / 20 / 25 / 30 / 35 / 40 Aac)
- ▶ OUTPUT:N.1 channel current 4..20 mA (2 wire)
- ▶ High accuracy: 0,1%
- ▶ Low consumption
- ▶ Compact size (38\*40\*20 mm)
- ▶ Power supply: 5..28 Vdc

## TECHNICAL DATA

### T201 – 2 wire- AC Current Transformer



### ORDER CODE

**Cod. T201**      2 wire - AC Current Transformer

## GENERAL FEATURES

<b>Power supply</b>	5..28 (loop powered)
<b>Channels</b>	N.1
<b>Accuracy</b>	<b>Frequency: 40..400 Hz:</b> Range 5A: < 0,1%o.m. + 0,1%o.t.s. All the other ranges: < 0,2%o.m. + 0,1%o.t.s. <b>Frequency: 20..1000 Hz:</b> Range 5A: < 0,1%o.m. + 0,3% All the other ranges: < 0,2%o.m. + 0,3%o.t.s.
<b>Consumption</b>	< 50 mW
<b>Residue ripple</b>	< 10 $\mu$ Arms@20mA and 50 Hz.
<b>Maximum current</b>	< 28mA in overload conditions.
<b>Absolute capacity</b>	Max istantaneous overcurrent: 800A
<b>EMI Error</b>	< 40 $\mu$ A
<b>Isolation</b>	Overvoltage measurement class: CAT III 300 V towards earth, with an insulated wire.
<b>Response time</b>	< 100 ms (without filter) / 2,5 s (with filter)

<b>Temperature coefficient</b>	Typical: 150 ppm / °K
<b>DIP Switch</b>	Span setting, filter
<b>Enclosure</b>	"V0" self-extinguishing glass filled nylon case
<b>Dimensions</b>	38 x 40 x 20 mm, diameter of the central hole: 12,5 mm
<b>Weight</b>	50 g
<b>Operating temperature</b>	-20..65 °C
<b>Connections</b>	FastonTerminals (6,3mmx 0,8 mm)
<b>IP Protection</b>	IP 20
<b>Standards</b>	EN60688/1997 +A1 +A2. EN61000-6-4/2002-10 EN61000-6-2/2006-10 EN61010-1/2001

**Approvals**      CE

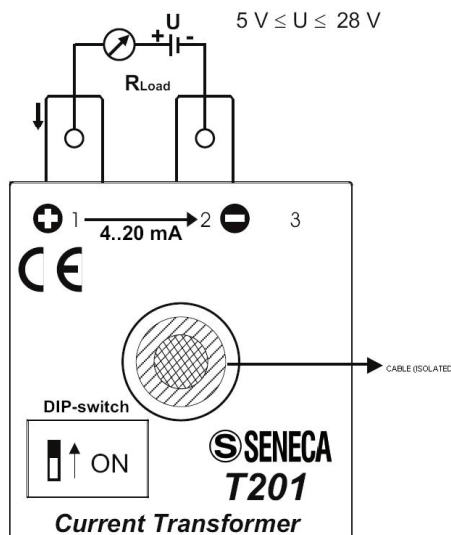
## INPUT

**Type**      **Alternate Current**  
 5 A, 10 A, 15 A, 20 A, 25 A, 30 A, 35 A , 40 A  
 (DIPswitch selected)

## OUTPUT

**Type**      **Current:**  
 4..20mA (2 wire technology)

## ELECTRICAL CONNECTION



## APPLICATION EXAMPLE

