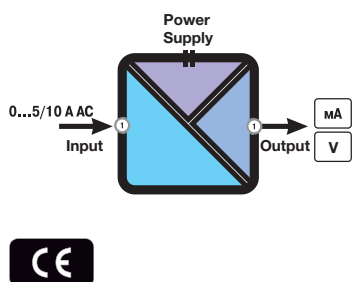




Z201 / Z201-H

AC CURRENT TO DC CURRENT/VOLTAGE ISOLATOR/CONVERTER



Z201 accepts an alternate current (5 or 10Aac) and provides an isolated analog output (mA or V). It disposes also of dip switches to set the output ranges. It can be requested with low or high power supply. A 3-way galvanic isolation among power supply // input // output circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

General Data

Power supply	10..40 Vdc / 19..28 Vac (Z201) 85..265 Vac/Vdc (Z201-H)
Power consumption	2,5 W
Isolation	4000 Vac towards power supply / output ports.
Power transducers	Yes
Accuracy	0,3%
Response time	200 ms (Z201), 100 ms (Z201-H)
Status Indicators	Power supply
Setting	Dip- switches
Mounting	35 mm DIN rail guide
Protection Degree	IP20
Operating Temperature	0..55°C (Z201) -10..+65 °C (Z201-H)
Dimension (W x H x D)	17.5 x 100 x 112 mm

Input

Channel Numbers	1
Current	5 Ac / 10Ac

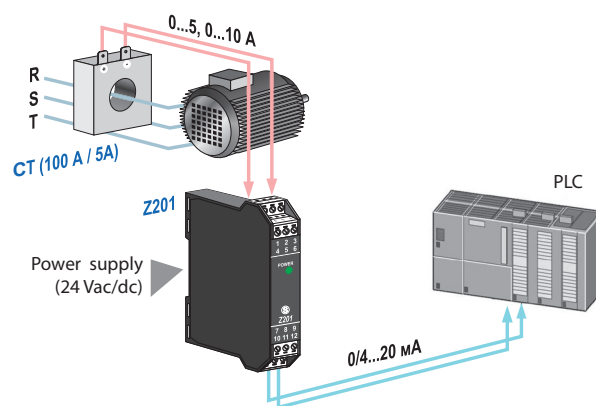
Output

Channel Numbers	1
Voltage	4 scales: 0..1, 0..5, 0..10, 2..10 V Min load resistance: 2.500 Ω
Current	2 scales: 0/4..20 mA (active/passive) Max load resistance: 600 Ω

Standard

Approval	CE
Norms	EN60688/1997 + A1 + A2. EN61000-6-4/2002-10 EN61000-6-2/2006-10 EN61010-1/2001

APPLICATION NOTE



ORDER CODES

Code	Description
Z201	AC current to DC isolator / converter, Power supply 19..40 Vdc / 19..28 Vac
Z201-H	AC current to DC isolator / converter, Power supply 85..265 Vac/Vdc

SIMILAR PRODUCTS

T201 AC Current Transformer to 4..20mA converter (loop powered) pg. 118	Z202 AC voltage to DC current/voltage isolator / converter pg. 87	Z203 AC single phase network analyzer to DC current/voltage isolator/converter pg. 89