

# Data sheet

## ICA 31

### AC Current Transducer

#### FEATURE:

- AC 400 Amps capability
- 1.9% basic DCA/ACA accuracy
- Non-intrusive transducing
- Up to 29mm Dia. conductor
- 5 feet drop proof
- Coiled cable output plugs
- Ergonomically designed jaw and trigger
- Hand guard designed
- Carrying case included
- CAT.II 600V Safety standard

**SPECIFICATION:**(All at 23°C ±5°C, ≤80% R.H.)

#### AC Current

Range	Accuracy 50Hz~60Hz
0A~350A	±(1.9%+0.5A)
350A~400A	±(3.2%+1A)

**Resolution:** 1mV/A

**Output Voltage:** AC 1mV per 1A

**Type of Sensing:** Current transformer sensing

#### General

<b>Operating Temperature:</b>	0°C ~30°C (≤80% R.H.), 30°C ~40°C (≤75% R.H.), 40°C ~50°C (≤45% R.H.)
<b>Storage Temperature:</b>	-20°C ~60°C
<b>Temperature Coefficient:</b>	0.2×(spec. Acc'y)/°C <18°C, >28°C
<b>Shock Proof:</b>	4 feet drops
<b>Safety:</b>	IEC 61010-1: CAT.II 600V/CAT.III 300V
<b>Maximum Conduct Size:</b>	29mm dia.
<b>Maximum Jaw Opening:</b>	30mm dia.
<b>Size:</b>	72mm(W)×148mm(L)×36mm(H), w/o cable
<b>Weight:</b>	250g
<b>Accessories:</b>	Carrying Case and User Manual