

# Data sheet

## ICA 39T

### AC/DC 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
- AC/DC 1000 Amps capability
- Auto zero key for DCA
- Red LED- Low battery indication
- Green LED- Power on indication
- Coiled cable output plugs
- Insulated input jacks
- Standard 9 Volts battery
- Up to 51mm dia. (2") conductor
- Up to 24x60mm bus bar
- 4 feet drop proof
- Hand guard designed
- Deluxe carrying case
- CAT.IV 600V/CAT.III 1000V Safety standard

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

#### AC Current

Range	Accuracy 40Hz~400Hz
0A~100A	±(1.9%+2A)
100A~400A	±(1.9%+7A)
400A~1000A	±(2.9%+5A)

**Resolution:** 10mV/A, 1mV/A

#### DC Current

Range	Accuracy
0A~100A	±(2.9%+2A)
100A~400A	±(1.9%+7A)
400A~1000A	±(2.9%+5A)

**Resolution:** 10mV/A, 1mV/A

**Load Impedance:** 100KΩ min

**Position Error:** ±1% of reading

**Output Voltage:** AC/DC, 10mV/A in 100A, 1mV/A in 1000A

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**Type of Sensing:** Hall effect sensing for AC and DC**General**

<b>Low Battery Indication:</b>	Red LED
<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.III 1000V, CAT.IV 600V
<b>Maximum Conduct Size:</b>	51mm dia.
<b>Maximum Jaw Opening:</b>	53mm dia.
<b>Maximum Busbar Size:</b>	24×60mm dia.
<b>Power Requirement:</b>	Single 9V battery (NEDA 1604 or IEC 6F22)
<b>Battery Life:</b>	66 hours(Alkaline)
<b>Size:</b>	90mm(W)×232mm(L)×32mm(H), w/o cable
<b>Weight:</b>	420g
<b>Accessories:</b>	Battery (installed), Coiled Cable Output Plugs, Carrying Case and User Manual