



ENGLISH

Datasheet

Stock No. 123-3224

RS PRO ICA 39T AC/DC Current Transducer



Feature:

- 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

Specifications:(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

Type of Sensing: Hall effect sensing for AC and DC

General

Low Battery Indication:	Red LED
Operating Temperature:	0°C~30°C(≤80% R.H.), 30°C~40°C(≤75% R.H.), 40°C~50°C(≤45% R.H.)
Storage Temperature:	-20°C~60°C
Temperature Coefficient:	0.2×(spec. Acc'y)/°C <18°C, >28°C
Shock Proof:	4 feet drops
Safety:	IEC 61010-1: CAT.III 1000V, CAT.IV 600V
Maximum Conduct Size:	51mm dia.
Maximum Jaw Opening:	53mm dia.
Maximum Busbar Size:	24×60mm dia.
Power Requirement:	Single 9V battery (NEDA 1604 or IEC 6F22)
Battery Life:	66 hours(Alkaline)
Size:	90mm(W)×232mm(L)×32mm(H), w/o cable
Weight:	420g
Accessories:	Battery (installed), Coiled Cable Output Plugs, Carrying Case and User Manual