

CLAMP-ON TYPE PRECISION AC CURRENT SENSOR

SCT

● FEATURES:

Split Core Current Transformer For Metering Purpose

- Sub-Metering Accurate measurements
- Stability and Sensitivity in the low current range
- Excellent linearity over the whole range
- Compact size

Standard Accuracy : Class 1.0

Frequency : 20Hz to 400Hz

Nominal Linearity : Within $\pm 0.5\%$



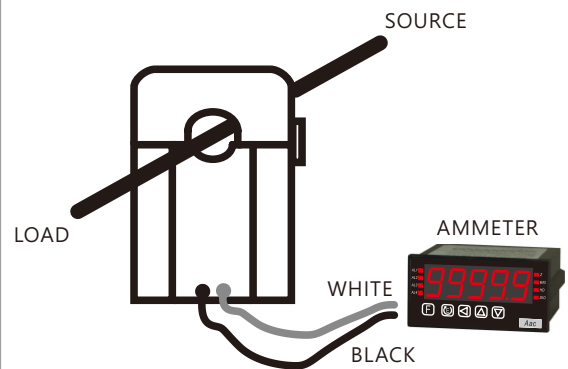
● ORDER INFORMATION : SCT - [Code1] / [Code2]

Code1	Input Current	Code2	Voltage Drop
50	50 Aac	333	333 mV
0	Custom	0	Custom

● SPECIFICATION:

Accuracy:	$\pm 0.2\%$ R.O
Maximum input over	Current related input: 2 x rated continuous 10 x rated 20 sec. 25 x rated 3 sec. 50 x rated 1 sec.
Input frequency range	20~40 Hz
Maximum output burden	<1 VA
Temp. coefficient	25 ppm/°C (25 \pm 35°C)
Insulation resistance	>100 Mohm with 500 Vdc
Dielectric strength	2 Kvac/1 min
Impulse test	ANSI C37.90a/1974, DIN-IEC 255-4 Impulse voltage 5 KV(1.2 x 50 us)
Surge test	2.5 KV - 0.25 ms/1 MHz(IEC255-4)
RFI protection	2 W-150 MHZ at 2 meter causes less than 0.5% change in output
Operating condition	-20~75 °C(20~90% RH non-condensed)
Storage condition	-30~80 °C(20~90% RH non-condensed)
Case materials	PBT(UL94-VO)
CE EMC Certification	EN 55022:1998/A1:2000 Class A EN 61000-3-2:2000 EN 61000-3-3:1995/A1:2001 EN 55024:1998/A1:2001
Weight:	

● WIRING:



● DIMENSION:

