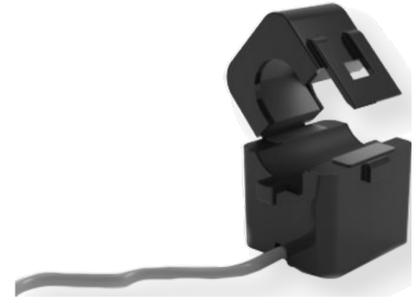


CT Clamp

Part Code: CT100-16-05

Measurement of current at various places on your electrical installation, including; grid connection point, solar inverter, wind inverter or a static battery system.



Electrical Specification

Rated Primary Current:	100A (nominal)
Turn Ratio:	$N_p:N_s = 1:2500$
Current Ratio:	100A/40mA
Winding DC Resistance at 20°C:	$213 \pm 10\%$
Protection Level:	10V
Accuracy @ $R_L \leq 100\Omega$:	0.5%
Phase Error at Rated Current:	$\leq 1^\circ$
Operating Temperature Range:	-40°C to 65°C
Storage Temperature Range:	-45°C to 85°C
Dielectric Withstanding Voltage:	2.5kV/1mA/1min
Frequency Range:	50/60Hz
Insulation Resistance:	DC500V/100MΩ min
Temperature Error of Current Ratio:	<50ppm/K

Mechanical Specification

Housing:	PA66 (UL 94-V0)
Window Size:	16mm
Opening Angle:	180°
Approx Weight:	100g
Output:	5m x grey jacket with 24AWG red and black twisted pair UL1015. (600V,105°C)

Compliance

DIN EN 61869-2, RoHS Compliant

Dimensions (mm)

