

KCT50

split-core

A compact split-core current transformer designed for fast, non-intrusive installation on existing conductors. Provides accurate, isolated current sensing for energy monitoring, power quality, and load management applications.



PHYSICAL STRUCTURE	
Coil	Split-core
Dimensions	120 mm x 75 mm x 56 mm
Cable Diameter	50mm
ENVIRONMENT	
Operating	-25°C to +50°C
Storage	-25°C to +50°C @ 85% RH
Isolation	2.5 kV / 1 min
Insulation Class	CAT III
CURRENT RATIO	
Primary	300, 800, 1000, 1500, 2000 A
Secondary	5 A
VA Rating	2 VA
STANDARDS & COMPLIANCE	
Accuracy Class	0.5%
IEC	60044-1
ANSI	C12.20

ORDER NUMBERS	
SUPPLIED AS A SET OF THREE (3)	WIRING COLOURS RED—GREEN—YELLOW
KCT50-300A	ASN6020
KCT50-800A	ASN6021
KCT50-1000A	ASN6022
KCT50-1500A	ASN6023
KCT50-2000A	ASN6024
ELECTRICAL	
Frequency	50—2 kHz
Range	10% Ir—120% Ir
MECHANICAL	
Shell	PA / UL94-V0
Material	PBT
Iron Core	Silicon Steel
Internal Structure	Epoxy
Installation	Clip On
Output Wire	UI1015 20AWG