

# ProteCT™ SERIES mV Current Transformers

ProteCT™ Series Current Transformers are intended for use with APT and APO/APN Series power transducers, ProtectCT™ low voltage output current transformers provide easy sensing of current on three-phase applications with the added safety of a 333mV output secondary. Available in split-core packaging as standard.



## Applications

- Tailored for use with AP Series AutoPhase KW/KWH transducers.
- Self-powered design works well in data logger applications.
- Excellent response time for power monitoring applications.

## Features

### 0.333V Output Secondary

- Unique low voltage output allows safe opening of transformer secondary, protecting installers from shock hazards found on traditional 5A CTs.

### Eliminates Need for “Shorting Blocks”

### Standard Split-core Enclosure Design

- Snap close package speeds installation and eases retrofits for existing jobs.
- Eliminates need to power down or disconnect system to install CT, maximizing up time.

### High-Impact, UL94 V0 Rated Polymer Housing

- No exposed metal parts on assembled ProteCT™ devices.

Choose From Three ID's: 0.85", 1.25", 2.0"

Test & Evaluation Units  
**For OEMs**  
 Free program expedites evaluation process.  
 See page 1 for details.



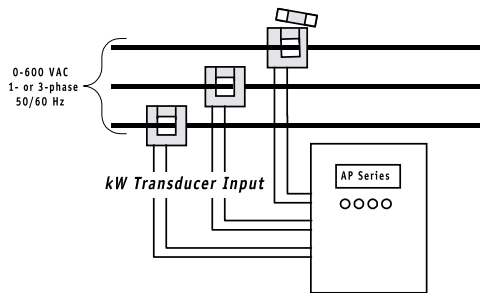
**Dimensions**

	NKP-075-xxx	CTP-125-xxx	CTP-200-xxx
Width	2.25" (57.2mm)	3.25" (82.55mm)	4.75" (120.65mm)
Height	2.40" (61.0mm)	3.35" (85.09mm)	5.00" (122.5mm)
Depth	1.18" (30.0mm)	1.00" (25.4mm)	1.20" (30.48mm)
Window	0.85" (22.0mm)	1.25" (31.75mm)	2.00" (50.80mm)

**Specifications**

Power Required	None—Self-powered
Accuracy	±1% NKP, ±2% CTP models
Output	0–0.333V
Phase Angle	<1 degree., 2 degrees @ 50% Range
Response Time	<1 ms
Isolation Voltage	600VAC
Max. Primary Voltage	5000VAC (insulated conductor)
Max Inrush Current	300% Full Scale Range (6 sec. duration)
Environmental	0 to 122°F (-18 to 50°C), 0-95% RH non-condensing

**Connections**



**Ordering Information**

NKP-075 0.85"(22mm) Window	
Model	Input Range
NKP-075-005SP	0–5 Amps
NKP-075-015SP	0–15 Amps
NKP-075-030SP	0–30 Amps
NKP-075-050SP	0–50 Amps
NKP-075-070SP	0–70 Amps
NKP-075-101SP	0–100 Amps
NKP-075-151SP	0–150 Amps

CTP-125 1.25"(31.75mm) Window	
Model	Input Range
CTP-125-101	0–100 Amps
CTP-125-151	0–150 Amps
CTP-125-201	0–200 Amps
CTP-125-251	0–250 Amps
CTP-125-301	0–300 Amps
CTP-125-401	0–400 Amps
CTP-125-601	0–600 Amps

CTP-200 2.0"(50.8mm) Window	
Model	Input Range
CTP-200-601	0–600 Amps
CTP-200-801	0–800 Amps
CTP-200-102	0–1000 Amps
CTP-200-122	0–1200 Amps
CTP-200-152	0–1500 Amps