



NK Technologies

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MADE IN
USA

ProteCT™ Series mV Current Transformers

Specifications

Power Required	None—Self-powered
Accuracy	0.5% FS, +/- 2% CTP
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

Ordering Information

NKP-075 0.85"(22mm) Window		CTP-125 1.25"(31.75mm) Window		CTP-200 2.0"(50.8mm) Window	
Model	Input Range	Model	Input Range	Model	Input Range
NKP-075-005SP	0–5 Amps	CTP-125-101	0–100 Amps	CTP-200-601	0–600 Amps
NKP-075-015SP	0–15 Amps	CTP-125-151	0–150 Amps	CTP-200-801	0–800 Amps
NKP-075-030SP	0–30 Amps	CTP-125-201	0–200 Amps	CTP-200-102	0–1000 Amps
NKP-075-050SP	0–50 Amps	CTP-125-251	0–250 Amps	CTP-200-122	0–1200 Amps
NKP-075-070SP	0–70 Amps	CTP-125-301	0–300 Amps	CTP-200-152	0–1500 Amps
NKP-075-100SP	0–100 Amps	CTP-125-401	0–400 Amps		
NKP-075-151SP	0–150 Amps	CTP-125-601	0–600 Amps		

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.

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

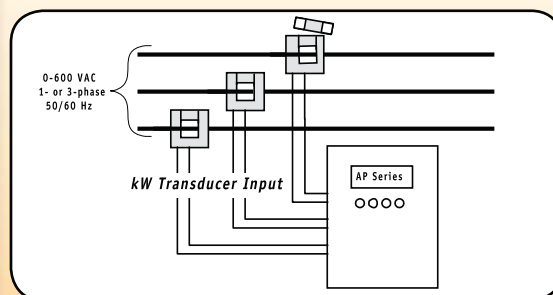
- No exposed metal parts on assembled ProteCT™ devices.

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

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.

Connections



Dimensions

Dim.	NKP-075-xxx	CTP-125-xxx	CTP-200-xxx
Width	2.25" (57.2mm)	3.25" (82.55mm)	4.75" (120.65mm)
Length	2.40" (61.0mm)	3.35" (85.09mm)	5.00" (122.5mm)
Thick	1.18" (30.0mm)	1.00" (25.4mm)	1.20" (30.48mm)

ProteCT™ Series