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# FRANCE

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## P6KA2NG Cold Cathode Transformer

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✓ **Easy Carry Handle**  
✓ **On/Off Switch**



- ◆ **UL 2161 Listed and NEC Compliant**
- ◆ **Secondary Circuit Ground Fault Protection**  
Disables unit upon detection of arcs to ground and other conditions which may compromise transformer performance. Resists nuisance tripping.
- ◆ **Auto Reset**  
After fault, automatically attempts to reset three (3) times within approximately ten (10) seconds reducing nuisance tripping. Manual reset possible at any time.
- ◆ **Outdoor Non-weatherproof**
- ◆ **Available in a variety of models**  
Primary voltages of 120 or 277. Secondaries from 5000 to 9000 volts -120mA.
- ◆ **Easy Wiring Methods**  
Virtual Ground and Series Wiring Methods.
- ◆ **Self Enclosed**  
Doesn't require separate enclosure.
- ◆ **Multiple Knockouts**  
Allows for a variety of mounting configurations
- ◆ **"Easy Off" Cover**

# P6KA2NG

# Cold Cathode Transformer

## NORMAL POWER FACTOR

Catalog Number	VAC	Hz	Secondary		Primary VA	Input Amp.	Wt. Lbs.	Case Dimensions					
			Volts	mA				L	W	H	A	B	C
90120 P6KA2NG	120	60	9000	120	1080	9.0	45	17.55	4.62	8.00	15.07	16.41	3.0
75120 P6KA2NG	120	60	7500	120	900	7.5	42	17.55	4.62	8.00	15.07	16.41	3.0
60120 P6KA2NG	120	60	6000	120	720	6.0	30	13.35	4.62	8.47	10.87	12.21	3.0
50120 P6KA2NG	120	60	5000	120	600	5.0	29	13.35	4.62	8.47	10.87	12.21	3.0
90120 P6KA2NG	277	60	9000	120	1080	4.0	45	17.55	4.62	8.00	15.07	16.41	3.0
75120 P6KA2NG	277	60	7500	120	900	3.3	42	17.55	4.62	8.00	15.07	16.41	3.0
60120 P6KA2NG	277	60	6000	120	720	2.6	30	13.35	4.62	8.47	10.87	12.21	3.0
50120 P6KA2NG	277	60	5000	120	600	2.3	29	13.35	4.62	8.47	10.87	12.21	3.0

Contact FRANCE for information on Other Secondary Voltage and mA Requirements.

### What may cause the S.C.G.F.P. circuit in the P6KA2NG to trip:

- ◆ Reversing the hot (black) or neutral (white) input power wires.
- ◆ Leaving the service ground unconnected.
- ◆ Connecting or grounding the midpoint of a sign to Earth ground.
- ◆ Excessive leakage currents caused from excessive moisture within or on the sign, tubing installed too close to metal, corroded insulators or standoffs, or conductive debris such as insects, dirt, etc. between live high voltage sign components and ground.
- ◆ Electrical shorting or arcing from live high voltage sign components to ground.

### When will a S.C.G.F.P. circuit in the P6KA2NG not trip:

- ◆ Ground faults on the primary/line side of the transformer.
- ◆ Series arcs in the sign system (arcs across sign tubing interconnections).
- ◆ Breaks in the sign tubing, degassed tubing, or opens in the high voltage connections without a corresponding short or arc to ground.
- ◆ Shorts to an ungrounded metal part within or near a sign.

