

# X-Motor Protector

**Do not use this device on Evergreen IM motors.**

**Directions:** Disconnect power connector from motor. Plug *X13PR* into motor. Ensure *X13PR* is only plugged into motor terminal connectors. Plug *X13PR* male terminals into power connector you previously disconnected from the motor. Plug wires in the same corresponding order you unplugged them; blue to C, black to L, green to G, and white to N. It is critical that these wires are plugged into the correct terminals in order for the *X13PR* to function properly.

Use enclosed heat shrink tubes on connectors for safety, gently heating them to prevent any exposed terminals. For the best protection, attach the long green wire to a good electrical ground. Use ties to keep wires away from fan. Fill out sticker and apply nearby.

*The monitoring LED's indicate the status of each of the two possible power lines into the X13PR.*

*If your X-13 motor is set up for 120 volts, only the "L" terminal will be hot; the "N" is neutral, and "G" is ground.*

*In 240-volt motors, the same applies, except the "N" terminal is the other leg of 240 volts. No neutral connection is used.*

*The green LED monitors the "L" terminal, and the yellow LED monitors the "N" terminal. When an LED is lit, that line is (a) HOT, and (b) protected. Note that motors using 120 Volts will NOT light the yellow LED.*

*While the X13PR is not warranted, nor able, to stop close lightning strikes or the highest of surges, the additional protection it provides will often prevent premature motor failure.*



**ZebraInstruments.com**

**Part # X13PR  
S59-423**



**Fits either 120V  
or 240V motors!**

**⚠ CA. WARNING:** This product can expose you to chemicals including lead solder, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

