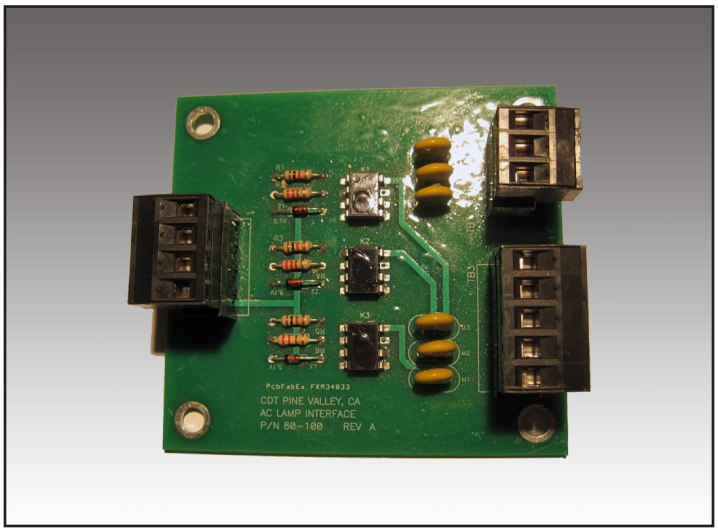
Low Voltage Remote Control Interface Board

PRIAX CORPORATION



- Controls high voltage traffic signals
- Provides higher safety and reliability
- Independently controls multiple high voltage functions

Introduction

Priax developed the low voltage remote control interface board (RCI) to provide low voltage remote control of remote high voltage functions. In particular, high voltage traffic signals can be controlled with low voltages, providing higher safety and reliability. Since all new traffic signals are using LED lamps today, it seems reasonable that all future control should also be low voltage.

This interface board can control voltages to 600VAC and currents to 1.2 Amperes. The control inputs are photo-optically isolated from the high voltage circuits, providing full protection to the low voltage circuits.

Each interface board can control up to three high voltage functions. Each of the three functions are completely independent and can be operated in any combination, intermittently or continuously without board heating or failure.

The interface board occupies less than nine square inches including room for removable connections for all line, load and control cables. Board-mounted LED diagnostic lamps indicate the signal continuous of each function. Each interface board is provided with a mounting clip for easy mounting in equipment enclosures, such as traffic lights. The mounting clip can be installed during equipment enclosure production and the circuit board installed later after the equipment is installed on site and ready for wiring connection. Each interface board has been conformally coated with a special compound to resist high humidity and condensed liquids.

Contact us for more information.

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