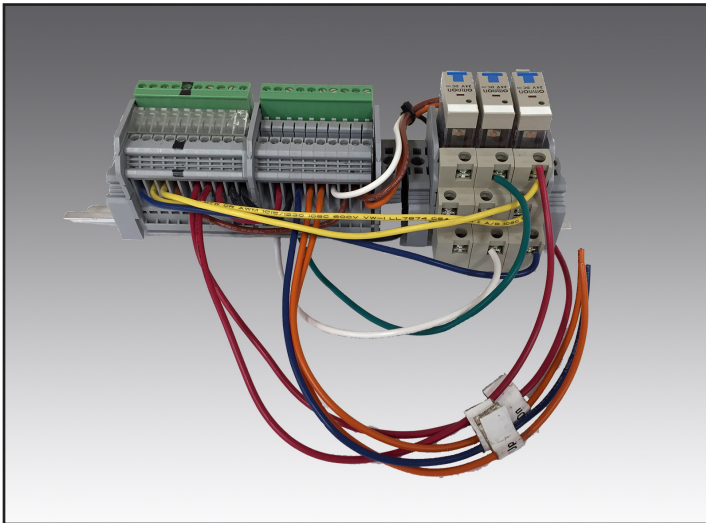


# Barrier Remote Control Interface Board (BCI)



- Provides remote gate and barrier control
- Improved reliability and flexible control
- Built-in test and diagnostic functions
- Simple central computer interface

## Introduction

Priax developed the barrier remote control interface board (BCI) to provide low voltage remote control of all types of remotely located tire shredder and barrier gate devices. In particular, all types of tire shredder and barrier gate systems located from feet to miles away can be controlled with low voltages, providing higher safety and reliability.

This interface board can control voltages up to 600VAC and currents to 10 Amperes. The number of control circuits can be 1 to 8. Additional circuits can be provided as an option. The control inputs are isolated from the high voltage circuits, providing full protection to the low voltage circuits and main computer system.

Each interface board can control up to 8 high voltage functions. Each of the 8 functions are completely independent and can be operated in any combination, intermittently or continuously without heating or failure.

The interface board includes built-in test and diagnostic functions, allowing a service technician rapid

problem diagnosis and test operation of all connected barrier devices. The built-in testing functions allow in-field operation of all connected equipment for troubleshooting purposes without the need for operating the equipment from the central control point.

The interface board is very compact with a DIN rail mounting system, allowing easy integration into all types of remote tire shredder and barrier gate systems. Removable connections for all line, load and control cables are included. Diagnostic lamps indicate the signal conditions of each function. Each interface board is provided with a DIN rail for easy mounting in equipment enclosures. The DIN rail mount 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.





