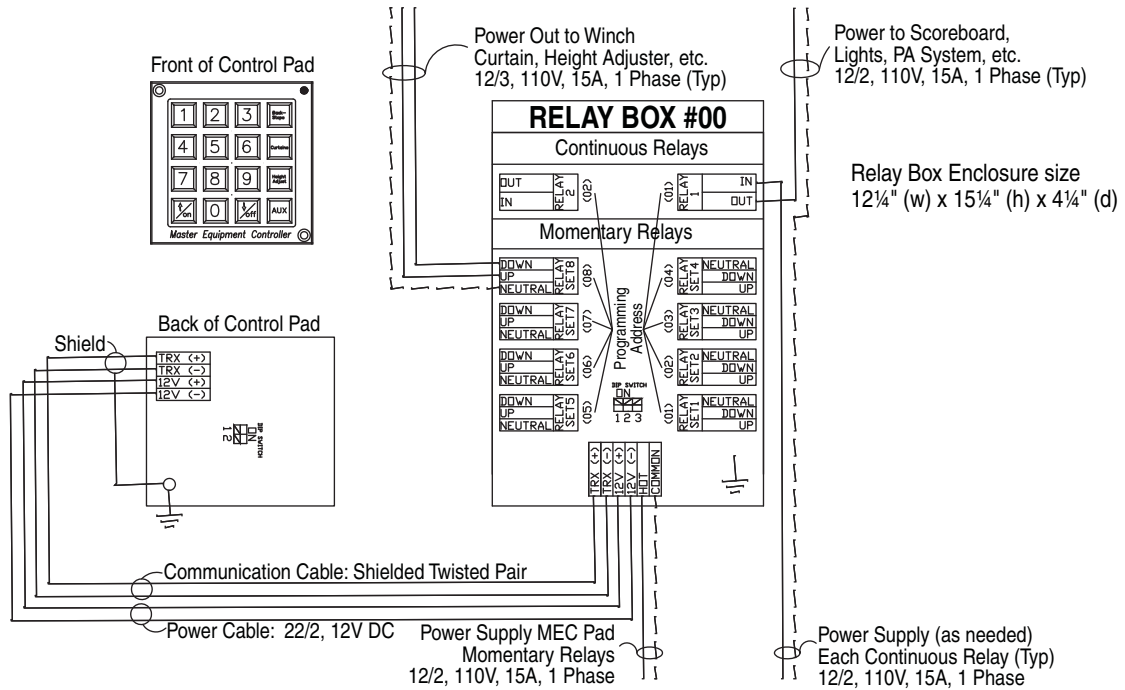


# EZ Pad Control System

Gym Equipment  
Group Control  
System

by DRAPER



## Specifications—EZ Pad Control System

Draper's EZ Pad is a gymnasium equipment controller that replaces the need for key switches to operate equipment. The system consists of a keypad manufactured of heavy duty screened rubber touch pad and an electrical enclosure that houses a printed relay circuit board. The low voltage touch pad, 12V DC, is to be mounted at such a position in the gymnasium as to allow a clear line of sight to all the equipment under the control of the system. The touch pad fits into a standard 4" x 4" electrical box with diagonal mounting holes. The system shall be protected by a fully programmable 4-digit security code entered at the touch pad. The touch pad will provide communication to the relay box enclosure.

The Relay box shall distribute voltage to the appropriate winch that is to be operated as a result of a code being sent from the touch pad to the relay box. The Relay box comes standard with eight sets of momentary contact relay pairs as well as two auxiliary relays. The momentary contact relay pairs are for controlling the Up and Down functions of gymnasium equipment. The auxiliary relays are to control separate circuits to control continuous contact items such as stage lights, PA systems, Shot clocks or Scoreboards.

Multiple relay boxes may be used thereby allowing for additional pieces of equipment to be operated by the same touch pad. Momentary relays are powered one at a time. This configuration allows all winches to utilize the same power source (120V, 15A max, Single phase).

Continuous relays require their own dedicated power source (120V, 15A max, Single phase).

Relay boxes should be mounted in a position to minimize high voltage wire runs.

The EZ Pad system shall be warranted for a period of one year to be free from manufacturing defects.

The wire, wiring and programming shall be the responsibility of the electrical contractor. Draper, Inc. does not warrant any of the electrical work done by others. Any damage caused by faulty wiring or electrical problems shall not be the responsibility of Draper, Inc.

The EZ Pad system shall be UL listed.

## Please Mark Appropriate Selections

- 503050 EZ Pad Base Control System (1 Relay/Processor Box and 1 Keypad)  
How Many? \_\_\_\_\_
- 503051 Additional EZ Pad Keypad  
How Many? \_\_\_\_\_
- 503052 Additional EZ Pad Relay/Processor Box  
How Many? \_\_\_\_\_

PROJECT: _____
ARCHITECT: _____
CONTRACTOR: _____
SUPPLIER: _____
DATE: _____ REVISED: _____

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