

ALL-IN-ONE TWO-HAND CONTROL

The all-in-one two-hand control is a NEMA 12 control box with a control module, two relays, a terminal strip, and two buttons. Everything in the control box is prewired and ready for the user to bring wires in from the machine actuator.

FEATURES

- Preset time for concurrent operation of the buttons
- Buttons must be maintained (actuated) during hazardous portion of the cycle
- Nonresumption of an interrupted cycle
- Provides control reliability of the two-hand control portion of the control system
- Compact design for ease in mounting and can be easily applied to small machines or devices
- Choice of control modules or control monitor and actuating buttons
- Available in 24 V DC or 115 V DC (control monitor available in 115 V AC only)

The all-in-one two-hand control can be applied to most any machine or device that is pneumatically, hydraulically, or electrically operated that is usually manually fed. These machines or devices include small presses, stakers, riveters, and assembly machines. The all-in-one two-hand control can be used as a point-of-operation safeguarding device as long as it is located at the proper safety distance. For more information on two-hand control or two-hand trip, see pages 74 and 75-76. See the chart on the next page for selecting the proper two-hand control part number.



**All-In-One Two-Hand Control
With Banner Buttons**



**All-In-One Two-Hand Control
With Allen-Bradley (A-B) Buttons**

SELECTING AN ALL-IN-ONE TWO-HAND CONTROL

To determine the 6-digit configured part number for the two-hand control required, follow directions 1-5 below and use the information in the **PART NUMBERING SYSTEM CHART** below.

1. The first 2 digits for all two-hand controls are TH.
2. The 3rd digit determines the type of two-hand control provided.
3. The 4th digit determines the type of run button, if provided, on the control enclosure. Zero (0) indicates no run buttons provided.
4. The 5th digit determines the type of emergency-stop button, if provided. Zero (0) indicates no emergency button provided.
5. The 6th digit is for the operating voltage existing at the machine.

TWO-HAND CONTROL PART NUMBERING SYSTEM CHART	
TH	X - X
CONTROL	OPERATING VOLTAGE AT MACHINE
TH—Two-Hand Control	0 —115 V AC 1 —24 V DC 2 —Line Voltage—Includes Multi-Tap Transformer
TWO-HAND CONTROL (RUN BUTTONS ON SIDES OF ENCLOSURE)	EMERGENCY-STOP TYPE
A —A-B Control Module B —Banner Control Module C —RSI Control Monitor (115 V AC only)	0 —None 1 —Rees Red Palm Button—Latch-Out Type 2 —A-B Red 40 mm Two-Position—Twist-to-Return Type
RUN BUTTON OPERATOR TYPE	
0 —Remotely Located 1 —Rees Black Palm Buttons With Rockford Systems Guards 2 —A-B Articulated Palm Buttons With Guards 3 —Touchdown!™ Operators With Rockford Systems Guards (115 V AC) 4 —IDEC Green Push Button With Guards 5 —A-B Zero-Force Touch Buttons With Guards (90-264 V AC) 6 —Opto-Touch Buttons With Guards (20-30 V AC/DC) 7 —Square D Mushroom Push Buttons With Guards 8 —Rees Chrome Light-Push Palm Buttons With Rockford Systems Guards	



Reese Black Palm Button With RSI Guard



A-B Articulated Palm Button With A-B Guard



Touchdown!™ With RSI Guard



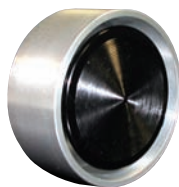
IDEC Button With Guard



A-B Zero-Force Touch Button With Guard



Opto-Touch Button With Guard



Mushroom Push Button With Guard (SQ-D)



Rees Chrome Light-Push Button With RSI Guard



Rees Red E-Stop Button—Latch-Out



A-B Red Two-Position E-Stop—Twist-to-Return

All buttons have 1 NO and 1 NC contact arrangement.