

# B-80 Series



The B-80 series pendant station is an auxiliary control device designed exclusively for the industrial overhead crane industry. With dozens of custom configurations available, these rugged, modular assemblies are built to your exact specifications. B-80 can be configured with 1 to 10 buttons arranged in a single column.

Materials and components are impact and wear resistant for use in the most demanding industrial environments. Buttons are silicone rubber designed to protect against dirt and moisture (IP65 Rated)

Operational Temperature	-15°C to 70°C (-5°F to 160°F)
Rated Current	5A at 120VAC
Protection Degree	IP65
Cable Entry	Rubber cable sleeve Ø 18 mm or Ø 23 mm
Shock Resistance	100 g
Approval	CSA File #2618449
Pilot Rating	CSA Pilot Duty B150 (30A make/3A break @ 120VAC)

# B-80 Series

## Features

- Available in 1-10 button arrangements
- High impact ABS enclosures
- One or two speed contacts
- Silicone booted buttons
- Ergonomic positive detent switches
- Indoor & outdoor use

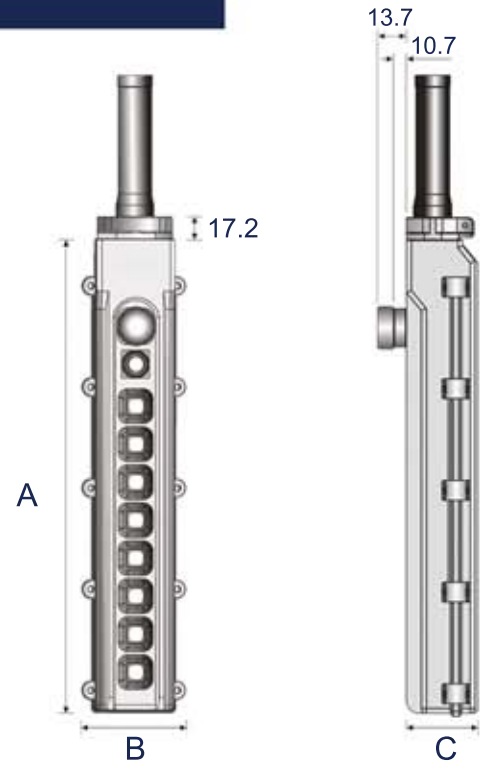


### Recommended Installation Procedure

1. Remove bushing collar and enclosure screws to open pendant.
2. Pull cable through gland and collar and strip outer jacket. If gland is too tight, cut to appropriate size.
3. Position cable so the cable clamp will clamp the jacketed part of cable and secure by tightening cable clamp screws.
4. Secure collar and gland firmly to the enclosure with the two collar screws after adjusting wiring length and clamping cable.
5. Connect wires to appropriate switch using CSA approved screw terminals. Route wires along the inside of housing. Never leave wires on top of switch due to interference with back cover installation.
6. Close the enclosure and tighten all screws.

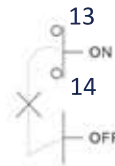
# B-80 Series

# of Positions	A	B	C
2	123	76	53
4	182	76	53
6	242	76	53
8	301	76	53
10	369	83.5	56



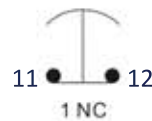
## Part #

B-A



Maintained On/Off

B-B



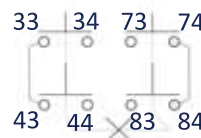
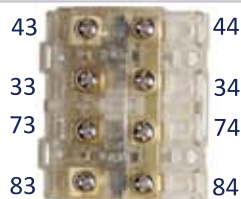
Emergency Stop

B-C



Momentary Single Speed with Mechanical Interlock

B-D



Momentary Double Speed with Mechanical Interlock

B-E



Pilot Light

# B-80 Series

Model	Description
B81	2 x 1 Speed
B81-1	2 x 2 Speed

## B-81 Series

Model	Description
B82	4 x 1 Speed
B82-1	2 x 1 Speed, 2 x 2 Speed
B82-2	4 x 2 Speed
B82-A	On, Off, 2 x 1 Speed
B82-A1	On, Off, 2 x 2 Speed
B82-B	E-Stop, 2 x 1 Speed
B82-B1	E-Stop, 2 x 2 Speed
B82-B2	E-Stop, Pilot Light, 2 x 1 Speed

## B-82 Series

Model	Description
B83	6 x 1 Speed
B83-1	4 x 1 Speed, 2 x 2 Speed
B83-2	2 x 1 Speed, 4 x 2 Speed
B83-3	6 x 2 Speed
B83-A	On, Off, 4 x 1 Speed
B83-A1	On, Off, 2 x 1 Speed, 2 x 2 Speed
B83-A2	On, Off, 4 x 2 Speed
B83-B	E-Stop, 4 x 1 Speed
B83-B1	E-Stop, 2 x 1 Speed, 2 x 2 Speed
B83-B2	E-Stop, 4 x 2 Speed
B83-BR	E-Stop, Reset, 4 x 1 Speed
B83-BR2	E-Stop, Reset, 4 x 2 Speed

## B-83 Series





# B-80 Series

Model	Description
B84	8 x 1 Speed
B84-1	6 x 1 Speed, 2 x 2 Speed
B84-2	4 x 1 Speed, 4 x 2 Speed
B84-3	2 x 1 Speed, 6 x 2 Speed
B84-4	8 x 2 Speed
B84-A	On, Off, 6 x 1 Speed
B84-A1	On, Off, 4 x 1 Speed, 2 x 2 Speed
B84-A2	On, Off, 2 x 1 Speed, 4 x 2 Speed
B84-A3	On, Off, 6 x 2 Speed
B84-B	E-Stop, 6 x 1 Speed
B84-B1	E-Stop, 4 x 1 Speed, 2 x 2 Speed
B84-B2	E-Stop, 2 x 1 Speed, 4 x 2 Speed
B84-B3	E-Stop, 6 x 2 Speed

## B-84 Series

Model	Description
B85	10 x 1 Speed
B85-1	8 x 1 Speed, 2 x 2 Speed
B85-2	6 x 1 Speed, 4 x 2 Speed
B85-3	4 x 1 Speed, 6 x 2 Speed
B85-4	2 x 1 Speed, 8 x 2 Speed
B85-5	10 x 2 Speed
B85-A	On, Off, 8 x 1 Speed
B85-A1	On, Off, 6 x 1 Speed, 2 x 2 Speed
B85-A2	On, Off, 4 x 1 Speed, 4 x 2 Speed
B85-A3	On, Off, 2 x 1 Speed, 6 x 2 Speed
B85-A4	On, Off, 8 x 2 Speed
B85-BE	E-Stop, Pilot Light, 8 x 1 Speed
B85-BE1	E-Stop, 6 x 1 Speed, 2 x 2 Speed

## B-85 Series

