Overview

The BDF series control stations are designed to offer up to 4 operators for various machine or process controls conveniently located at the guard door in one compact, easy to install housing. The BDF series eliminates the need for larger custom control boxes to be designed and manufactured for guard door controls.

The Universal Kit model (-2875) has several positions, designated LT in the part number, which can be converted in the field to either a pushbutton, an illuminated push button, or an indicator light. This conversion is based on the wiring of the contacts and/or LED for each position, and the application of appropriate colored button caps provided. The accessories package includes 7 opaque button caps in various colors, 5 semi-transparent button caps in various colors, and 4 lens inserts.

Three types of base models are available:

- all four operator positions customizable;
- either a NH or NHK E-Stop button installed in position 1, with the remaining three operator positions customizable;
- either a NH or NHK E-Stop buttons installed in position 1, a SWS20 keyed selector switch installed in position 2, and the remaining two operator positions customizable.

These models are offered with 1 NO & 1 NC contacts (-11), 2 NO contacts (-20), or with 1 NO contact and LED indicator lamp (-10…-G24).

Field customization

For each LT position, select a lens and button cap in the desired style (opaque or semi-transparent) and color.

1. Place the lens.
2. Place the button cap.
3. Push the button to click the cover into place.

The LT positions can be converted into one of three options:

- For a pushbutton, use an opaque cap and connect only the contacts for that position.
- For an illuminated pushbutton, use a semi-transparent cap and connect the contacts and the LED.
- For an indicator light, use a semi-transparent cap and only connect the LED.

Applications

- Material handling systems
- Packaging machinery
- Chemical processing equipment
- Robot cells
- Folding or brake presses
- Filter presses
- Punching machines
- Printing machines
- Injection molding
- Palletizers
- Packaging equipment

Features

- Universal BDF200 Control Station
- and aesthetically matches our AZM201.
- All customizable positions
- BDF200-LT-11-LT-LT-LT-2875
- BDF200-LT-20-LT-LT-LT-2875

With E-Stop

- BDF200-NH-11-LT-LT-LT-2875
- BDF200-NHK-11-LT-LT-LT-2875
- BDF200-NH-20-LT-LT-LT-2875
- BDF200-NHK-20-LT-LT-LT-2875
- BDF200-NH-10-LT-LT-LT-G24-2875
- BDF200-NHK-10-LT-LT-LT-G24-2875

With E-Stop & Keyed selector switch

- BDF200-NH-11-SWS20-LT-LT-2875
- BDF200-NHK-11-SWS20-LT-LT-2875
- BDF200-NH-20-SWS20-LT-LT-2875
- BDF200-NHK-20-SWS20-LT-LT-2875

Accessories

- BDF-U200-PBC (spare pushbutton covers)

  Includes:
  - 7 opaque button covers
  - Yellow, Red, Green, Blue, White, Grey, and Black
  - 5 Semi-transparent button covers
  - Yellow, Red, Green, Blue, and White
  - 4 lens inserts

Part number breakdown

BDF200-□-□-□-LT-LT-□-□-2875-□

- Operator Position 1
  - NH E-Stop button on yellow
  - NHK Collared E-Stop on yellow
  - LT Customizable button
- Contacts
  - 11 1 NO & 1 NC
  - 20 2 NO
  - 10 1 NO
- Operator Position 2
  - STS20 Keyed Selector Switch
  - LT Customizable button
- LED indicator lamp
  - Blank without
  - G24 for 10 contacts only
- Connection
  - Blank Cord Grip & screw terminals
  - 2920 prewired quick connect

Contact

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