



# 1336 PLUS Configured Drive Door Mounted Hand/Off/Auto Selector Switch

(-D13)

## Instructions

**Important:** This document is a supplement to, and is intended to be used with the 1336 PLUS User Manual (Publication 1336 PLUS-5.0).

## Description/Operation

This door mounted operator device option is factory installed and provides a Hand/Off/Auto selector switch.

The Hand/Off/Auto selector switch will start the drive in the Hand mode and stop it in the Off mode. In the Auto mode the drive will be stopped and started from remote contact closures. In all cases, the Stop/Fault Reset, Auxiliary and Enable inputs to the Drive Control Interface Board (see Figure 1) must be present before the drive will start.

If a drive connected HIM (Human Interface Module) is also present, the HIM will stop the drive regardless of being in the Hand or Auto mode. If the H/O/A switch is in the Off position, the HIM will be non-functional (except for display and programming). If the H/O/A switch is in the Auto position with the remote start contact initiated, the HIM can still stop and start the drive.

The Hand/Off/Auto selector switch also determines where the actual drive speed reference is coming from. Factory default setting will be Hand = HIM (unless a separate door mounted pot is specified) and Auto = remote 4-20mA input reference.

## Associated Drive Programming

[INPUT MODE] parameter 21 is factory programmed to a value of 2 for this option. [FREQ SELECT 1] parameter 5 and [FREQ SELECT 2] parameter 6 may be reprogrammed for Auto and Manual speed references as suits the user. Also refer to User Manual, Chapter 5, Programming, for information on masking and owners of parameters.

## Component Specifications

Bulletin 800E Devices  
in general:

IEC style, internationally rated  
Meet IP66 and NEMA Type 4/4X/12  
UL Listed, CSA Certified  
10 amp contacts  
Screw/stab terminals with CENELEC  
markings, 22 GA. - 12 GA. max.

Hand/Off/Auto  
Selector Switch:

3 position, maintained,  
2 N.O. - 2 N.C.

Legend Plate:

30 mm X 50 mm black with white lettering

Wiring:

#16 GA. (AWG) red thermoplastic

**Instructions**

1336 PLUS Door Mounted Hand/Off/Auto  
Selector Switches

**Wiring Information**

The schematic representation, found in Figure 1 on page 3, is indicative of the design and hardware associated with this option. Peripheral hardware is shown for informational purposes and may or may not be part of a specific drive package, as ordered.

**Important:** In all cases, the actual drive order schematics will take precedence over this document.



**ATTENTION:** To avoid shock hazard, assure that all power to the drive has been removed and locked out, before performing service on the drive or interfacing to the other hardware associated with this option.

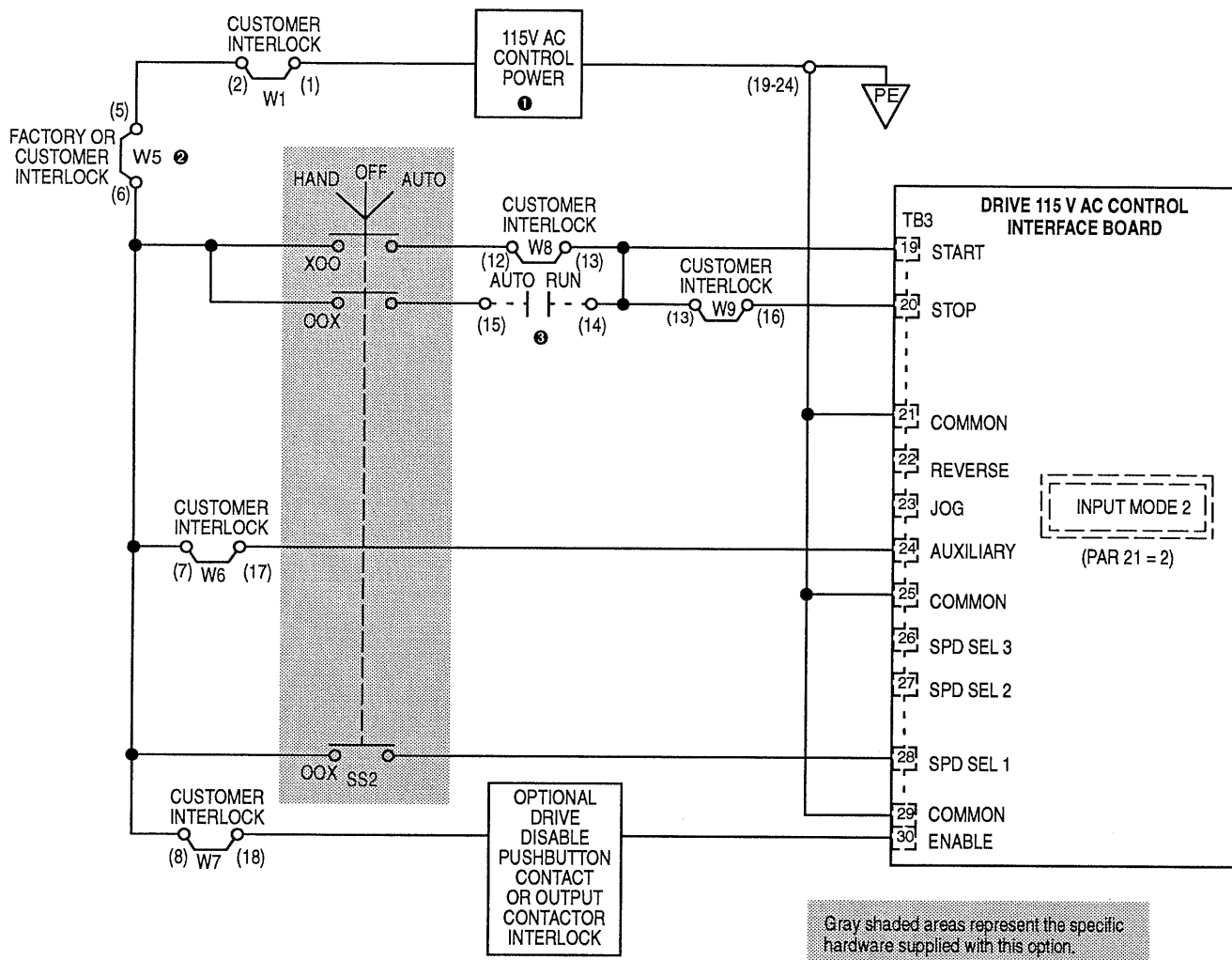
**Component List**

Table A lists the components required for all drive ratings.

**Table A**

| Drive Rating | Description          | Schematic Symbol Code | Quantity Required | A-B Drives Part Number | Vendor and Vendor Part Number |
|--------------|----------------------|-----------------------|-------------------|------------------------|-------------------------------|
| ALL          | Selector Switch      | SS2                   | 1                 | 162148                 | A-B 800EP-SM32                |
| ALL          | Mounting Latch       | SS2                   | 1                 | 149893                 | A-B 800E-A4L                  |
| ALL          | Contact Block-1 N.O. | SS2                   | 2                 | 149891                 | A-B 800E-4X10                 |
| ALL          | Contact Block-1 N.C. | SS2                   | 1                 | 149892                 | A-B 800E-4X01                 |
| ALL          | Legend Plate         | SS2                   | 1                 | 162084                 | A-B Floor Stock               |

**Figure 1**  
**Control Wiring**



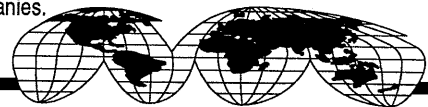
(1), (2), (5), (6), (7), (8), (12), (13), (14), (15), (16), (17), (18), (19-24) Indicates Terminal found on Terminal Block TB4, which is located on the enclosure sub-panel.

- ❶ 115 V AC control power may be supplied as a drive option, or remotely supplied by the user.
- ❷ This factory jumper will be replaced by a Bypass Interlock Contact, if a bypass option is supplied.
- ❸ This contact is supplied by the user.



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