



Eaton Drives Flex Center's Specifiable Feature

Lockable Manual Bypass Switch



Many modern HVAC systems are designed based on required air flow and are not specifically sized for full load operation. Operating a variable frequency drive (VFD) in bypass mode through contactors causes an HVAC system to operate at full load which can potentially damage the system or require additional maintenance.

Prevent unauthorized and unplanned bypass operation with the lockable manual bypass switch option for H-Max IntelliPass VFDs. The lockable manual bypass switch option provides a key-operated selector switch to enable or disable manual bypass operation.

- Bypass mode can only be manual enable when the key switch is in the Bypass Enable position
- Bypass mode can still be enabled remotely or automatically based on the VFD settings.

Benefits

- Provides secure and authorized bypass operation
- Increases security measures for HVAC systems
- Encourages safe mode change practices
- Reduces risk of system damage caused by full load operation

How to Order

- BidManager only
- Add special modification calling out M2 option
- List Price Adder: \$500
- Lead Time: 4 weeks

Product Specification Insert

1. DRIVE-OFF-BYPASS selector switch. Provide a 3-position selector switch. Right selection shall be DRIVE operation with the bypass disabled. Center position shall be OFF where the drive and bypass is disabled. Left position shall be BYPASS operation where the drive is disabled.
2. BYPASS DISABLE – BYPASS ENABLE keyed selector switch. Provide a keyed 2-position selector switch. Right selection shall be BYPASS DISABLE selection where the bypass will not operate. Left position shall be BYPASS ENABLE selection where the bypass is allowed to operate. The key must be remain engaged to enable bypass. The key is removable on the BYPASS DISABLE position only.