

Slimline™ Variable Frequency Drive Bypass Assembly

Honeywell



The Honeywell Slimline VFD Bypass Assembly is the smallest true electrical bypass assembly available. With its lightweight and compact design, it's engineered to meet your needs, not just the specifications.

Why Do You Need A Bypass?



You have a bypass for one reason — to keep your pumps or air handlers running if the drive fails. For it to be worth the money, the bypass needs to:

- Keep the motor running even if the drive is removed
- Be enabled if *any* part of the drive fails, not just the power section

If your bypass doesn't do these two things, and some electronic bypasses don't, then you're wasting money even though it might meet the spec. Your alternative is to shut down the entire operation (never a good option) or install a replacement while yours is being

serviced. Either option results in downtime, which would have only been prevented with a true electrical bypass.

A TRUE ELECTRICAL BYPASS

With the Slimline™, Honeywell has designed a revolutionary, true electrical bypass that maintains the small form factor you want, and gives you the flexibility and fault tolerance you need.

- Allows full-speed motor operation with the VFD completely removed
- The 2- and 3-contactor designs allow you to switch to bypass regardless of the VFD's condition
- Its compact design saves valuable wall space
- Installation takes fewer workers and less time, lowering total project cost

Automation and Control Solutions

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COMPACT DESIGN

20 HP, 480V Bypass, Type 1 Enclosure

Drive	Width in.	Height in.	Depth in.	Weight lbs.
Honeywell Slimline	7.4	24.4	13.8	35.7
ABB	8.7	53.6	10.6	51
Danfoss	9.5	54.6	10.7	89
Siemens	12.0	49.0	9.7	100

The Slimline is the smallest true electrical bypass in the industry.

READY TO WORK

The Slimline is ready for action. You can order the Slimline preassembled in frames 4, 5, 6 and 7. Available in kit form, an industry first for integrated bypasses, the Slimline enables easy retrofit in the field and improved serviceability. Because of its market-sensitive design, you only pay for the features you need.

- Mounting kits and compact size make the installation easy
- Easy installation means less time on the job and improved project cash flow

PART OF THE HONEYWELL SUITE OF VFDS

The Slimline is part of a complete Honeywell family of variable frequency drives that let you meet all of your VFD needs with just one supplier. Along with the world-renowned Honeywell reliability, all Honeywell VFDs share common features that you'll appreciate on every project:

- Common user interface
- Built-in AC choke protects the VFD and downstream components from voltage spikes and sags
- Built-in filters prevent harmonic interference on the electrical grid
- Broad communication capabilities (BACnet®, LONWORKS®, N2 and other protocols)
- Built-in applications make any setup, from accepting a basic speed signal up to complex PID control, quick and easy
- Warranty — 2 years from installation

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