

New Parts

Let Nothing Stop Your Application

Today's reliable Variable Frequency Drives (VFDs) are a cost-effective way to reduce energy costs, lower electrical consumption, and extend motor life in HVAC and other applications. Still, there are times—like routine motor maintenance or application start-up—when you need to bypass the VFD to retain control of critical applications.



Patented rotary cam bypass switch

Bypass Module: Reliable and Inexpensive Protection

The Honeywell Bypass features an innovative and patented mechanical rotary cam switch with no coils to burn out or consume power. Additional features:

- Direct control, manually operated switch
- Four position (Line, Drive, Test, Off)
- Padlockable handle, lockable in all four positions, meets OSHA 1910
- Adjustable amp rating for motor overload protection in the line position
- Two normally open low voltage contacts used to control auxiliary equipment
- Ultra compact Nema 12 metal enclosure
- Prewired terminal blocks for easy field installation
- UL 508 listed panel
- Models available rated for 1/2 -150 horsepower



Maximum Control with Four Functions.

Switch Position	Function	Schematic
Line	Power routed directly to the motor through the bypass module. The VFD is bypassed while the application receives full direct power.	
Drive	Power routed through the bypass module to the VFD, then from VFD to bypass module to the application.	
Test	Power goes through the switch to the input of the VFD. No power goes to the application. TEST position allows drive to be programmed and verified before operating the application.	
Off	Power is stopped at the bypass module. No power is routed to either the VFD or the application.	

Model Selection.

208 volt Horsepower (hp)	Honeywell #	Overload Amp Rating (a)	Dimensions h x w x d (in.)
1/2	32003440-010	1.6–2.5	12 x 10 x 8
3/4	32003440-011	2.5–4.0	12 x 10 x 8
1–1 1/2	32003440-001	4.0–6.3	12 x 10 x 8
2	32003440-002	6.3–10	12 x 10 x 8
3	32003440-003	10–15.0	12 x 10 x 8
5	32003440-004	15–22	12 x 10 x 8
7.5	32003440-005	22–27	12 x 10 x 8
10	32003440-006	20–33	14 x 12 x 8
15	32003440-007	35–50	16 x 14 x 10
20	32003440-008	46–65	20 x 16 x 12
25	32003440-009	60–82	24 x 20 x 12

240 volt Horsepower (hp)	Honeywell #	Overload Amp Rating (a)	Dimensions h x w x d (in.)
1/2	32003440-010	1.6–2.5	12 x 10 x 8
3/4–1	32003440-011	2.5–4.0	12 x 10 x 8
1 1/2	32003440-001	4.0–6.3	12 x 10 x 8
2–3	32003440-002	6.3–10	12 x 10 x 8
5	32003440-003	10–15.0	12 x 10 x 8
7.5	32003440-004	15–22	12 x 10 x 8
10	32003440-005	22–27	12 x 10 x 8
15	32003441-006	28–42	14 x 12 x 8
20	32003441-007	46–65	16 x 14 x 10
25	32003441-008	60–82	20 x 16 x 12

480 volt Horsepower (hp)	Honeywell #	Overload Amp Rating (a)	Dimensions h x w x d (in.)
1/2	32003440-012	.63–1.0	12 x 10 x 8
3/4	32003440-013	1–1.6	12 x 10 x 8
1–1 1/2	32003440-010	1.6–2.5	12 x 10 x 8
2	32003440-011	2.5–4.0	12 x 10 x 8
3	32003440-001	4.0–6.3	12 x 10 x 8
5	32003440-002	6.3–10	12 x 10 x 8
7.5–10	32003440-003	10–15.0	12 x 10 x 8
15	32003440-004	15–22	12 x 10 x 8
20	32003440-005	22–27	12 x 10 x 8
25–30	32003442-008	28–42	14 x 12 x 8
40	32003442-009	40–65	16 x 14 x 10
50–60	32003442-010	60–82	20 x 16 x 12
75	32003442-011	60–100	30 x 24 x 16
100	32003442-012	90–150	30 x 24 x 16
125	32003442-013	120–200	36 x 30 x 20
150	32003442-014	120–200	36 x 30 x 20

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