

VFD - B SERIES

Variable Speed AC Motor Drives



REQUIRES A VFD
COMPATIBLE
AC MOTOR

Variable Frequency Drives (VFD's) can cut energy use dramatically when needs are less than full motor capacity.

FEATURES

- Volt/Hz, Sensorless vector & Closed loop vector control
 - All VFD-B drives have/are:
 - Nema1 rated enclosures
 - Constant Torque rated
 - UL, cUL & CE approved
 - Programmable (0 ~ 2000Hz) for high speed applications.
 - The output current is adjustable up to 120% of the drive's nominal capacity.
 - All "240/1/60" models also accept three phase input.
 - Inputs: 11 digital (4 dedicated & 7 programmable) & 3 analog.
 - Outputs: 4 digital, 1 analog and 1 digital frequency output.
 - RS-485 communication port, standard protocol Modbus RTU & ASCII.
 - B series drives have built-in dynamic braking transistors up to 15HP.
 - 230 1 Phase (up to 3 HP); 240V 3 Phase (up to 50 HP); 480V 3 Phase (up to 100 HP); 575V 3 Phase (up to 100 HP).
- Please see accompanying price pages for more information.



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VFD - LENZE SERIES

Variable Frequency Multi-Function Micro Drive

Flexible, simple, economical.

FEATURES

The SMVector is a highly competitive AC drive. Its performance, simplicity and flexibility make it an attractive solution for a broad range of applications including: Food processing machinery, Packaging machinery, Material handling/conveying systems and HVAC systems.

The SMVector is the right choice when you need it all – performance, power, packaging (NEMA Type 1 (IP31) Enclosure) and intuitive programming.

Superior Performance

- Modes of Operation:
 - V/Hz and Enhanced V/Hz(Constant and Variable)
 - Vector Speed or Torque Control
- Dynamic Torque Response
- Sophisticated Auto-tuning (Motor Calibration)
- Impressive Low Speed Operation
- Sequencer with 16 Programmable Segments

Flexible Power Ranges: 120/230V 1Ø (up to 1.5 Hp), 200/230V 1/3Ø (up to 3 Hp), 200/230V 3Ø (up to 20 Hp), 400/480 and 575V 3Ø (up to 60 Hp)

Simplicity - Intuitive User Interface - Electronic Memory Module (EPM)

DISCONNECT SWITCHES

FEATURES

- Can be used as Manual Motor Control
- Lockout Capable

MODEL	DESCRIPTION	AMP	POLES	HP RATING			
				120V AC	240V AC	480V AC	600V AC
EL1/3-25A	Single or three phase moisture resistant - IP65	25	3	3	7.5	15	20
DS1/3-30A	Single or Three PH Disconnect NEMA 3R (30303D)	30	3	3	7.5	15	20
KG1-2P1PH	Single phase only! Non-reversing, toggle operation NEMA 1 (2510KG1)	30	2	2	2	--	--
8890-5426-I	15A Disconnect with Pilot Light	15	2	0.5	--	--	--
8890-54522-W	20A Disconnect Switch	20	2	1	2	--	--
8890-MS403	Disconnect Switch 40A	40	3	7.5	15	20	40
8890-N13NC	NEMA 1 Steel Disconnect Switch Enclosure with lockout	--	--	--	--	--	--



KG1-2P1PH



EL1/3-25A



DS1/3-30A



8890-54522-W



8890-5426-I



8890-N13NC



8890-MS403