

# VFD - LENZE SERIES

Variable Frequency Multi-Function Micro Drive



REQUIRES A VFD  
COMPATIBLE AC MOTOR

## FEATURES

Flexible, simple, economical.

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



8890-54522-W



8890-5426-I



KG1-2P1PH



8890-MS403



DS1/3-30A



8890-N13NC



EL1/3-25A

## 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               | --  | --    | --        | --      | --      | --      |