

V100X Variable Speed Drive

Description

The V100X sets a new benchmark for decentralized drive solutions. It is ideal for exposed conditions as it features a die-cast metal enclosure that provides an IP66 class protection rating. The breathable Gore-Tex® vent helps protect the drive's seals and heat sink, and incorporates a speed controlled fan that effectively disperses heat.

Features

- User friendly interface with start-up wizard for quick and easy configuration
- Built-in EMC filter to remove electromagnetic interference and lower harmonic levels
- Supports both induction and permanent magnet motors
- Integrated RS485 Modbus and Ethernet communication for BacNet IP and Modbus TCP/IP
- Safe Torque Off (STO) mode
- DC choke and thin film capacitors
- Dust and moisture resistant enclosure
- Suitable for ambient temperatures up to 60°C
- Capable of withstanding 3G resistance to vibrations

Standard I/O

- 6 x Digital input
- 2 x Analogue input
- 1 x Analogue output
- 2 x Relay output

Testing

Harmonics Standard IEC 61800-3-12

EMC Standard EN61800-3 Category C2

3G resistance to vibrations (according to 3M7/IEC 60068-2)

Technical data

Model	Input / Output	Motor kW @ 40°C	Amps @ 40°C	Frame size	Protection Class	Dimensions W x H x D (mm)	Wt. kg
V01003L00034XHMGR	3 phase / 3 phase	1.1	3.4	MM4	IP66	191 x 316 x 214	8.8
V01003L00044XHMGR		1.5	4.8				
V01003L00054XHMGR		2.2	5.6				
V01003L00084XHMGR		3.0	8.0				
V01003L00094XHMGR		4.0	9.6				
V01003L00124XHMGR		5.5	12.0				
V01003L00164XHMGR		7.5	16.0	MM5		233 x 367 x 231	14.9
V01003L00234XHMGR		11.0	23.0				
V01003L00314XHMGR		15.0	31.0				
V01003L00384XHMGR		18.5	38.0	MM6		350 x 500 x 255	31.5
V01003L00464XHMGR		22.0	46.0				
V01003L00614XHMGR		30.0	61.0				
V01003L00724XHMGR		37.0	72.0				