

# GEOVENT GEODRIVE FREQUENCY INVERTERS



## DESCRIPTION

GeoDrive is a frequency inverter for control of standard asynchronous motors with 3 phase. GeoDrive is supplied in an IP54 sturdy metal housing for demanding environments. The compact construction offers many different mounting options. The sound level is very low and the frequency inverter is maintenance free. Discreet light grey color for reduced heat absorption.

- Silent
- Solid metal housing (IP54)
- Easy setup
- No programming (in most cases)
- Reliable
- No display (programming console is available)
- Requires programming console for advanced setup
- Non Programmable relay
- Only 230V supply

## TECHNICAL SPECIFICATION

	<b>E1045-370W</b>	<b>E1045-750W</b>	<b>E1045-1500W</b>
Supply Voltage	U <sub>in</sub> = 230 VAC ± 10% 50 Hz	U <sub>in</sub> = 230 VAC ± 10% 50 Hz	U <sub>in</sub> = 230 VAC ± 10% 50 Hz
Supply Current	Max. I <sub>in</sub> = 4A	Max. I <sub>in</sub> = 6.3A	Max. I <sub>in</sub> = 10A
Motor Power	Max. 370W	Max. 750W	Max. 1500W
Motor Voltage	3 x AC - 0 - U <sub>in</sub>	3 x AC - 0 - U <sub>in</sub>	3 x AC - 0 - U <sub>in</sub>
Motor Current	Max. 2.4A*	Max. 4.0A*	Max. 7.0A*
Motor Frequency	0 - 100 Hz	0 - 100 Hz	0 - 100 Hz
16 Vdc output	100mA	100mA	100mA
10 Vdc output	30mA	30mA	30mA
0 - 10 V input	0 - 10V, R <sub>i</sub> = 7 kΩhm.	0 - 10V, R <sub>i</sub> = 7 kΩhm.	0 - 10V, R <sub>i</sub> = 7 kΩhm.
Alarm Relay	Max. 30 Vdc/3A & 230 VAC/3A	Max. 30 Vdc/3A & 230 VAC/3A	Max. 30 Vdc/3A & 230 VAC/3A
Temperature	0 - 40 °C	0 - 40 °C	0 - 40 °C
Modbus A	Net plus	Net plus	Net plus
Modbus B	Net minus	Net minus	Net minus
Modbus C	Net GND	Net GND	Net GND

## PART CODE/ORDERING TABLE

Part Code	Item
19-300	GeoDrive E1045 - 0.37 kW
19-301	GeoDrive E1045 - 0.75 kW
19-302	GeoDrive E1045 - 1.50 kW

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