

Automatic

GeoDrive - E 1045 Frequency inverter

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



GeoDrive

Technical Data

	E1045-370W	E1045-750W	E1045-1500W
Supply Voltage	U _{in} = 230VAC ±10% - 50Hz	U _{in} = 230VAC ±10% - 50Hz	U _{in} = 230VAC ±10% - 50Hz
Supply Current	Max. I _{in} = 4A	Max. I _{in} = 6.3A	Max. I _{in} = 10A
Motor Power	Max. 370W	Max. 750W	Max. 1500W
Motor Voltage	3 x AC - 0 - U _{in}	3 x AC - 0 - U _{in}	3 x AC - 0 - U _{in}
Motor Current	Max. 2,4A*	Max. 4,0A*	Max. 7,0A*
Motor Frequency	0 - 100Hz	0 - 100Hz	0 - 100Hz
16Vdc output	100mA	100mA	100mA
10Vdc output	30mA	30mA	30mA
0 - 10V input	0 - 10V, R _i = 7 kOhm.	0 - 10V, R _i = 7 kOhm.	0 - 10V, R _i = 7 kOhm.
Alarm Relay	Max. 30Vdc/3A Et 230VAC/3A	Max. 30Vdc/3A Et 230VAC/3A	Max. 30Vdc/3A Et 230VAC/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

Ordering table

Art. No.	Description
19-300	GeoDrive E1045 - 0,37
19-301	GeoDrive E1045 - 0,75
19-302	GeoDrive E1045 - 1,50

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