

ODV-3-460280-301E-MN

Optidrive Eco VFD Datasheet

18.5 kW (25 HP), 28 A, 500-600 V, 3PH
IP66 With Disconnect Outdoor Variable Frequency
Drive with TFT Display



Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 500-600 V |
| Input Phases | 3 |
| Supply Current Continuous | 34 A |
| Supply Fuse or MCB (Type B) | 40 A |

Output Ratings

| | |
|---------------------|--------------------|
| Motor Output Rating | 18.5 kW (25 HP) |
| Output Voltage | 0 – Supply Voltage |
| Output Current | 28 A |

Cable Information

| | |
|------------------------|---------------------------------|
| Max Supply Cable Size | 16 mm ² (0.02 sq in) |
| Max Motor Cable Size | 16 mm ² (0.02 sq in) |
| Max Motor Cable Length | 100 m (328 ft) |

Factory Build Options

| | |
|------------------|------------------------------|
| EMC Filter | No Internal EMC |
| Brake Transistor | No Brake Transistor |
| Enclosure | IP66 With Disconnect Outdoor |
| Display | TFT Display |
| PCB Coating | Standard |



Drive Dimensions

| | |
|---------|--------------------|
| Size | 4 |
| Height | 360 mm (14.17 in) |
| Width | 240 mm (9.45 in) |
| Depth | 271 mm (10.67 in) |
| Weight | 9.5 kg (20.94 lbs) |
| Fixings | 4 x M4 |

Packaged Dimensions

| | |
|--------|---------------------|
| Height | 325 mm (12.8 in) |
| Width | 295 mm (11.61 in) |
| Depth | 425 mm (16.73 in) |
| Weight | 11.5 kg (25.35 lbs) |



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