

# ODP-2-46185-3K042-MN

## Optidrive P2 VFD Datasheet

### 18.5 kW, 28 A, 500-600 V, 3PH

IP20 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 <sup>2</sup> (0.02 sq in)
Max Motor Cable Size	16 mm <sup>2</sup> (0.02 sq in)
Max Motor Cable Length	100 m (328 ft)

#### Factory Build Options

EMC Filter	No Internal EMC
Brake Transistor	Internal
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard



#### Drive Dimensions

Size	4
Height	418 mm (16.46 in)
Width	172 mm (6.77 in)
Depth	240 mm (9.45 in)
Weight	9.2 kg (20.28 lbs)
Fixings	4 x M8

#### Packaged Dimensions

Height	340 mm (13.39 in)
Width	280 mm (11.02 in)
Depth	560 mm (22.05 in)
Weight	11.2 kg (24.69 lbs)



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