

# ODP-2-56450-3K042-MN

## Optidrive P2 VFD Datasheet

**45 kW, 65 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	75.8 A
Supply Fuse or MCB (Type B)	100 A

### Output Ratings

Motor Output Rating	45 kW (60 HP)
Output Voltage	0 – Supply Voltage
Output Current	65 A

### Cable Information

Max Supply Cable Size	35 mm <sup>2</sup> (0.05 sq in)
Max Motor Cable Size	35 mm <sup>2</sup> (0.05 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



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<https://www.shc-gmbh.com>

### Drive Dimensions

Size	5
Height	486 mm (19.13 in)
Width	233 mm (9.17 in)
Depth	260 mm (10.24 in)
Weight	18.1 kg (39.9 lbs)
Fixings	4 x M8

### Packaged Dimensions

Height	356 mm (14.02 in)
Width	336 mm (13.23 in)
Depth	658 mm (25.91 in)
Weight	20.1 kg (44.31 lbs)

