

ODV-3-460430-301N-MN

Optidrive Eco VFD Datasheet

30 kW (40 HP), 43 A, 500-600 V, 3PH
IP55 Variable Frequency Drive with TFT Display



Input Ratings

Supply Voltage	500-600 V
Input Phases	3
Supply Current Continuous	49.5 A
Supply Fuse or MCB (Type B)	63 A

Output Ratings

Motor Output Rating	30 kW (40 HP)
Output Voltage	0 – Supply Voltage
Output Current	43 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	IP55
Display	TFT Display
PCB Coating	Standard



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

Drive Dimensions

Size	4
Height	450 mm (17.72 in)
Width	171 mm (6.73 in)
Depth	252 mm (9.92 in)
Weight	11.5 kg (25.35 lbs)
Fixings	4 x M8

Packaged Dimensions

Height	510 mm (20.08 in)
Width	240 mm (9.45 in)
Depth	330 mm (12.99 in)
Weight	13.5 kg (29.76 lbs)

