



Variable Frequency Drive Solutions for PennBarry Fans Invertertek Models ODE and ODV



Overview ODE

Optidrive E3 Series for general purpose VFD for easy control for all motor types.

Contactor style power connection for simplified wiring.

Removable I/O terminal blocks facilitate easy integration of the VFD into your equipment.

* All single-phase applications are single-phase in and 3-phase out

Internal filter in every ODE saves cost and time for installation.

The DIN Rail mount capability (IP20 only) minimizes design time & reduces assembly burden.

RS-485/Modbus® RTU is built in.

IP66 suitable for outdoor use and direct sunlight.

DIN rail mounting (IP20)

All 3 phase models are 100K AIC rated with the addition of Type 1 fuses.

Equipment designs demanding a high IP rating can take advantage of IP66 versions. Versions receive conformal coating on the boards.



ODE

Description Specification

Protections

Load Overload	150% for 60 s; 175% for 2 s
Short-circuit withstand	100k AIC with Type 1 fuses

Input Ratings

Voltage	+/-10%
Frequency	48-62 Hz

Output Rating

Frequency/Resolution	0-500Hz / 0.1 Hz
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Control Characteristics

Operation Mode	V/f with slip compensation
Switching Frequency	4 to 32 kHz
Analog Reference	0-10 VDC or 4-20 mA
Accel/Decel	0.1 to 600 s

Ambient Temperature

Operating	14°F to 122°F (-10°C to 50°C) IP20
Storage	-40°F to 140°F (-40°C to +60°C)
Relative Humidity	0 to 95%, non-condensing, non-corrosive, no dripping water

ODE

Programmable Parameters

Reference scaling
Start/Stop
DC brake
V/Hz curve
Switching frequency
Auto restart
Protections
Fault Indication
External Fault
BMS communication
Second deceleration
Analog input range
PI controller
Skip Frequencies

ODE I/O

Digital Inputs	4
Analog Inputs	2 (0-10VDC / 4-20mA)
Outputs	1 (analog or digital)
Relay Output	1



Variable Frequency Drive Solutions for PennBarry Fans Invertertek Models ODE and ODV



Overview ODV

Optidrive ECO Series for efficient, reliable and quiet control of motors for HVAC applications.

Contactor style power connection for simplified wiring.

Removable I/O terminal blocks facilitate easy integration of the VFD into your equipment.

* All single-phase applications are single-phase in and 3-phase out

Internal filter in every ODE saves cost and time for installation.

The DIN Rail mount capability (IP20 only) minimizes design time & reduces assembly burden.

RS-485, Modbus® RTU, BACnet MSTP built in.

IP66 suitable for outdoor use and direct sunlight.

TFT Display

All 3 phase have 100kA maximum supply short-circuit current capacity.

Equipment designs demanding a high IP rating can take advantage of IP66 versions. Versions receive conformal coating on the boards.



ODV

Description Specification

Protections

Load Overload	150% for 60 s; 175% for 2 s
Short-circuit withstand	100k AIC with Type 1 fuses

Input Ratings

Voltage	+/-10%
Frequency	48-62 Hz

Output Rating

Frequency/Resolution	0-250Hz / 0.1 Hz
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Control Characteristics

Operation Mode	V/f with slip compensation
Switching Frequency	4 to 32 kHz
Analog Reference	0-10 VDC or 4-20 mA
Accel/Decel	0.1 to 600 s

Ambient Temperature

Operating	14°F to 122°F (-10°C to 50°C) IP20
Storage	-40°F to 140°F (-40°C to +60°C)
Relative Humidity	0 to 95%, non-condensing, non-corrosive, no dripping water

ODV

Programmable Parameters

Reference scaling
Start/Stop
DC brake
V/Hz curve
Switching frequency
Auto restart
Protections
Fault Indication
External Fault
BMS communication
Second deceleration
Analog input range
PI controller
Skip Frequencies

ODV I/O

Digital Inputs	4
Analog Inputs	2 (0-10VDC / 4-20mA)
Outputs	1 (analog or digital)
Relay Output	1

ODE Selection

Enclosure	Phase / Voltage	HP	Part Number (without Switch)	Part Number (with Switch)	Input Amps	Output Amps	Filter	Frame Size	Nominal Dimensions (W x H x D)	Display Type
IP20	1-ph 115V IN 3-ph	0.5	ODE-3-110023-1012	N/A	7.8	2.3	Yes	1	3.27 x 6.81 x 4.48	LED
		1	ODE-3-110043-1012	N/A	15.8	4.3	Yes	1	3.27 x 6.81 x 4.48	LED
		1.5	ODE-3-210058-1042	N/A	21.9	5.8	Yes	2	4.33 x 8.7 x 5.91	LED
	1-ph 230 V In 3-ph 230V Out	0.5	ODE-3-120023-1F12	N/A	3.7	2.3	Yes	1	3.27 x 6.81 x 4.48	LED
		1	ODE-3-120043-1F12	N/A	7.5	4.3	Yes	1	3.27 x 6.81 x 4.48	LED
		1.5	ODE-3-120070-1F12	N/A	12.9	7	Yes	1	3.27 x 6.81 x 4.48	LED
		2	ODE-3-120070-1F12	N/A	12.9	7	Yes	1	3.27 x 6.81 x 4.48	LED
	3-ph 230V Out	3	ODE-3-220105-1F42	N/A	19.2	10.5	Yes	2	4.33 x 8.7 x 5.91	LED
		5	ODE-3-320153-1042	N/A	29.2	15.3	Yes	3	5.16 x 10.28 x 6.89	LED
		0.5	ODE-3-120023-3012	N/A	3.4	2.3	Yes	1	3.27 x 6.81 x 4.48	LED
		1	ODE-3-120043-3012	N/A	5.6	4.3	Yes	1	3.27 x 6.81 x 4.48	LED
	3-ph 230 V In 3-ph 230V Out	1.5	ODE-3-120070-3012	N/A	9.5	7	Yes	1	3.27 x 6.81 x 4.48	LED
		2	ODE-3-120070-3012	N/A	9.5	7	Yes	1	3.27 x 6.81 x 4.48	LED
		3	ODE-3-220105-3F42	N/A	12.1	10.5	Yes	2	4.33 x 8.7 x 5.91	LED
		5	ODE-3-320180-3F42	N/A	20.9	18	Yes	3	5.16 x 10.28 x 6.89	LED
		7.5	ODE-3-320240-3F42	N/A	26.4	24	Yes	3	5.16 x 10.28 x 6.89	LED
		10	ODE-3-420300-3F42	N/A	33.3	30	Yes	4	6.73 x 16.54 x 8.35	LED
		15	ODE-3-420460-3F42	N/A	50.1	46	Yes	4	6.73 x 16.54 x 8.35	LED
		20	ODE-3-520610-3F42	N/A	54.6	61	Yes	5	8.74 x 19.13 x 8.89	LED
		25	ODE-3-520720-3F42	N/A	64.8	72	Yes	5	8.74 x 19.13 x 8.89	LED
		0.5	ODE-3-140012-3F12	N/A	1.7	1.2	Yes	1	3.27 x 6.81 x 4.48	LED
	3-ph 460V In 3-ph 460V Out	1	ODE-3-140022-3F12	N/A	3.5	2.2	Yes	1	3.27 x 6.81 x 4.48	LED
		1.5	ODE-3-140041-3F12	N/A	5.6	4.1	Yes	1	3.27 x 6.81 x 4.48	LED
		2	ODE-3-140041-3F12	N/A	5.6	4.1	Yes	1	3.27 x 6.81 x 4.48	LED
		3	ODE-3-240058-3F42	N/A	7.5	5.8	Yes	2	4.33 x 8.7 x 5.91	LED
		5	ODE-3-240095-3F42	N/A	11.5	9.5	Yes	2	4.33 x 8.7 x 5.91	LED
		7.5	ODE-3-340140-3F42	N/A	17.2	14	Yes	3	5.16 x 10.28 x 6.89	LED
		10	ODE-3-340180-3F42	N/A	21.2	18	Yes	3	5.16 x 10.28 x 6.89	LED
		15	ODE-3-340240-3F42	N/A	27.5	24	Yes	3	5.16 x 10.28 x 6.89	LED
		20	ODE-3-440300-3F42	N/A	34.2	30	Yes	4	6.73 x 16.54 x 8.35	LED
		25	ODE-3-440390-3F42	N/A	44.1	39	Yes	4	6.73 x 16.54 x 8.35	LED
		30	ODE-3-440460-3F42	N/A	51.9	46	Yes	4	6.73 x 16.54 x 8.35	LED
		40	ODE-3-540610-3F42	N/A	56.3	61	Yes	5	8.74 x 19.13 x 8.89	LED
		50	ODE-3-540720-3F42	N/A	67.6	72	Yes	5	8.74 x 19.13 x 8.89	LED
		0.5	ODE-3-110023-101A	ODE-3-110023-101B	7.8	2.3	Yes	1	6.34 x 9.13 x 6.37	LED
		1	ODE-3-110043-101A	ODE-3-110043-101B	15.8	4.3	Yes	1	6.34 x 9.13 x 6.37	LED
		1.5	ODE-3-210058-104A	ODE-3-210058-104B	21.9	5.8	Yes	2	7.4 x 10.12 x 7.16	LED
IP66	1-ph 115V IN 3-ph	0.5	ODE-3-120023-1F1A	ODE-3-120023-1F1B	3.7	2.3	Yes	1	6.34 x 9.13 x 6.37	LED
		1	ODE-3-120043-1F1A	ODE-3-120043-1F1B	7.5	4.3	Yes	1	6.34 x 9.13 x 6.37	LED
		1.5	ODE-3-120070-1F1A	ODE-3-120070-1F1B	12.9	7	Yes	1	6.34 x 9.13 x 6.37	LED
	1-ph 230 V In 3-ph 230V Out	2	ODE-3-120070-1F1A	ODE-3-120070-1F1B	12.9	7	Yes	1	6.34 x 9.13 x 6.37	LED
		3	ODE-3-220105-1F4A	ODE-3-220105-1F4B	19.2	10.5	Yes	2	7.4 x 10.12 x 7.16	LED
		5	ODE-3-320153-104A	ODE-3-320153-104B	29.2	15.3	Yes	3	8.3 x 12.2 x 9.25	LED
		7.5	ODE-3-420240-104A	ODE-3-420240-104B	55	24	Yes	4	9.44 x 14.17 x 10.67	LED
		10	ODE-3-420300-104A	ODE-3-420300-104B	66	30	Yes	4	9.44 x 14.17 x 10.67	LED
		0.5	ODE-3-120023-301A	ODE-3-120023-301B	3.4	2.3	Yes	1	6.34 x 9.13 x 6.37	LED
		1	ODE-3-120043-301A	ODE-3-120043-301B	5.6	4.3	Yes	1	6.34 x 9.13 x 6.37	LED
	3-ph 230 V In 3-ph 230V Out	1.5	ODE-3-120070-301A	ODE-3-120070-301B	9.5	7	Yes	1	6.34 x 9.13 x 6.37	LED
		2	ODE-3-120070-301A	ODE-3-120070-301B	9.5	7	Yes	1	6.34 x 9.13 x 6.37	LED
		3	ODE-3-220105-3F4A	ODE-3-220105-3F4B	12.1	10.5	Yes	2	7.4 x 10.12 x 7.16	LED
		5	ODE-3-320180-3F4A	ODE-3-320180-3F4B	20.9	18	Yes	3	8.3 x 12.2 x 9.25	LED
		7.5	ODE-3-320240-3F4A	ODE-3-320240-3F4B	26.4	24	Yes	3	8.3 x 12.2 x 9.25	LED
		10	ODE-3-420300-3F4A	ODE-3-420300-3F4B	33.3	30	Yes	4	9.44 x 14.17 x 10.67	LED
		15	ODE-3-420460-3F4A	ODE-3-420460-3F4B	50.1	46	Yes	4	9.44 x 14.17 x 10.67	LED
		0.5	ODE-3-140012-3F1A	ODE-3-140012-3F1B	1.7	1.2	Yes	1	6.34 x 9.13 x 6.37	LED
	3-ph 460V In 3-ph 460V Out	1	ODE-3-140022-3F1A	ODE-3-140022-3F1B	3.5	2.2	Yes	1	6.34 x 9.13 x 6.37	LED
		1.5	ODE-3-140041-3F1A	ODE-3-140041-3F1B	5.6	4.1	Yes	1	6.34 x 9.13 x 6.37	LED
		2	ODE-3-140041-3F1A	ODE-3-140041-3F1B	5.6	4.1	Yes	1	6.34 x 9.13 x 6.37	LED
		3	ODE-3-240058-3F4A	ODE-3-240058-3F4B	7.5	5.8	Yes	2	7.4 x 10.12 x 7.16	LED
		5	ODE-3-240095-3F4A	ODE-3-240095-3F4B	11.5	9.5	Yes	2	7.4 x 10.12 x 7.16	LED
		7.5	ODE-3-340140-3F4A	ODE-3-340140-3F4B	17.2	14	Yes	3	8.3 x 12.2 x 9.25	LED
		10	ODE-3-340180-3F4A	ODE-3-340180-3F4B	21.2	18	Yes	3	8.3 x 12.2 x 9.25	LED
		15	ODE-3-340240-3F4A	ODE-3-340240-3F4B	27.5	24	Yes	3	8.3 x 12.2 x 9.25	LED
		20	ODE-3-440300-3F4A	ODE-3-440300-3F4B	34.2	30	Yes	4	9.44 x 14.17 x 10.67	LED
		25	ODE-3-440390-3F4A	ODE-3-440390-3F4B	44.1	39	Yes	4	9.44 x 14.17 x 10.67	LED
		30	ODE-3-440460-3F4A	ODE-3-440460-3F4B	51.9	46	Yes	4	9.44 x 14.17 x 10.67	LED

ODV Selection

Enclosure	Phase / Voltage	HP	Part Number (without Switch)	Part Number (with Switch)	Input Amps	Output Amps	EMC Filter	Frame Size	Nominal Dimensions (W x H x D)	Display Type
20 - IP20	3-ph 230 V In 3-ph 230V Out	1 HP	ODV-3-220043-3F12-MN	N/A	3.6	4.3	Yes	2	4.33 x 8.7 x 7.28	TFT
		1.5 HP	ODV-3-220070-3F12-MN	N/A	6.5	7	Yes	2	4.33 x 8.7 x 7.28	TFT
		2 HP	ODV-3-220070-3F12-MN	N/A	6.5	7	Yes	2	4.33 x 8.7 x 7.28	TFT
		3 HP	ODV-3-220105-3F12-MN	N/A	9.3	10.5	Yes	2	4.33 x 8.7 x 7.28	TFT
		5 HP	ODV-3-320180-3F12-MN	N/A	15.1	18	Yes	3	5.16 x 10.28 x 8.07	TFT
		7.5 HP	ODV-3-320240-3F12-MN	N/A	20.4	24	Yes	3	5.16 x 10.28 x 8.07	TFT
		10 HP	ODV-3-420300-3F12-MN	N/A	24.3	30	Yes	4	6.77 x 16.46 x 9.45	TFT
		15 HP	ODV-3-420460-3F12-MN	N/A	37.9	46	Yes	4	6.77 x 16.46 x 9.45	TFT
		20 HP	ODV-3-520610-3F12-MN	N/A	50.5	61	Yes	5	9.17 x 19.13 x 10.24	TFT
		25 HP	ODV-3-520720-3F12-MN	N/A	59.9	72	Yes	5	9.17 x 19.13 x 10.24	TFT
	3-ph 460V In 3-ph 460V Out	30 HP	ODV-3-520900-3F12-MN	N/A	76.7	90	Yes	5	9.17 x 19.13 x 10.24	TFT
		40 HP	ODV-3-621100-3F12-MN	N/A	97.8	110	Yes	6	13 x 28.58 x 12.59	TFT
		1 HP	ODV-3-240022-3F12-MN	N/A	1.8	2.2	Yes	2	4.33 x 8.7 x 7.28	TFT
		1.5 HP	ODV-3-240041-3F12-MN	N/A	3.6	4.1	Yes	2	4.33 x 8.7 x 7.28	TFT
		2 HP	ODV-3-240041-3F12-MN	N/A	3.6	4.1	Yes	2	4.33 x 8.7 x 7.28	TFT
		3 HP	ODV-3-240058-3F12-MN	N/A	4.8	5.8	Yes	2	4.33 x 8.7 x 7.28	TFT
		5 HP	ODV-3-240095-3F12-MN	N/A	8.2	9.5	Yes	2	4.33 x 8.7 x 7.28	TFT
		7.5 HP	ODV-3-340140-3F12-MN	N/A	11.5	14	Yes	3	5.16 x 10.28 x 8.07	TFT
		10 HP	ODV-3-340180-3F12-MN	N/A	15.7	18	Yes	3	5.16 x 10.28 x 8.07	TFT
		15 HP	ODV-3-340240-3F12-MN	N/A	21.3	24	Yes	3	5.16 x 10.28 x 8.07	TFT
	3-ph 575V In 3-ph 575V Out	20 HP	ODV-3-440300-3F12-MN	N/A	25	30	Yes	4	6.77 x 16.46 x 9.45	TFT
		25 HP	ODV-3-440390-3F12-MN	N/A	32.8	39	Yes	4	6.77 x 16.46 x 9.45	TFT
		30 HP	ODV-3-440460-3F12-MN	N/A	39.3	46	Yes	4	6.77 x 16.46 x 9.45	TFT
		40 HP	ODV-3-540610-3F12-MN	N/A	52.3	61	Yes	5	9.17 x 19.13 x 10.24	TFT
		0.50 HP	ODV-3-260021-3012-MN	N/A	3.4	2.1	No	2	4.33 x 8.7 x 7.28	TFT
		1 HP	ODV-3-260021-3012-MN	N/A	3.4	2.1	No	2	4.33 x 8.7 x 7.28	TFT
		1.5 HP	ODV-3-260031-3012-MN	N/A	4.2	3.1	No	2	4.33 x 8.7 x 7.28	TFT
		2 HP	ODV-3-260031-3012-MN	N/A	4.2	3.1	No	2	4.33 x 8.7 x 7.28	TFT
		3 HP	ODV-3-260041-3012-MN	N/A	4.9	4.1	No	2	4.33 x 8.7 x 7.28	TFT
		5 HP	ODV-3-260065-3012-MN	N/A	8.6	6.5	No	2	4.33 x 8.7 x 7.28	TFT
66 - IP66/ NEMA 4X	3-ph 230 V In 3-ph 230V Out	7.5 HP	ODV-3-260090-3012-MN	N/A	12.2	9	No	2	4.33 x 8.7 x 7.28	TFT
		10 HP	ODV-3-360120-3012-MN	N/A	15.1	12	No	3	5.16 x 10.28 x 8.07	TFT
		15 HP	ODV-3-360170-3012-MN	N/A	20.9	17	No	3	5.16 x 10.28 x 8.07	TFT
		20 HP	ODV-3-360220-3012-MN	N/A	25.5	22	No	3	5.16 x 10.28 x 8.07	TFT
		25 HP	ODV-3-460280-3012-MN	N/A	32.2	28	No	4	6.77 x 16.46 x 9.45	TFT
		30 HP	ODV-3-460340-3012-MN	N/A	39.1	34	No	4	6.77 x 16.46 x 9.45	TFT
		40 HP	ODV-3-460430-3012-MN	N/A	48.9	43	No	4	6.77 x 16.46 x 9.45	TFT
		50 HP	ODV-3-560540-3012-MN	N/A	59.5	54	No	5	9.17 x 19.13 x 10.24	TFT
		60 HP	ODV-3-560650-3012-MN	N/A	70.4	65	No	5	9.17 x 19.13 x 10.24	TFT
	3-ph 460V In 3-ph 460V Out	1 HP	ODV-3-220043-3F1A-MN	ODV-3-220043-3F1E-MN	3.3	4.3	Yes	2	7.4 x 10.12 x 7.16	TFT
		1.5 HP	ODV-3-220070-3F1A-MN	ODV-3-220070-3F1E-MN	5.3	7	Yes	2	7.4 x 10.12 x 7.16	TFT
		2 HP	ODV-3-220070-3F1A-MN	ODV-3-220070-3F1E-MN	5.3	7	Yes	2	7.4 x 10.12 x 7.16	TFT
		3 HP	ODV-3-220105-3F1A-MN	ODV-3-220105-3F1E-MN	8	10.5	Yes	2	7.4 x 10.12 x 7.16	TFT
		5 HP	ODV-3-320180-3F1A-MN	ODV-3-320180-3F1E-MN	14.2	18	Yes	3	8.31 x 12.2 x 9.25	TFT
		7.5 HP	ODV-3-320240-3F1A-MN	ODV-3-320240-3F1E-MN	19.3	24	Yes	3	8.31 x 12.2 x 9.25	TFT
		10 HP	ODV-3-320300-3F1A-MN	ODV-3-320300-3F1E-MN	24.6	30	Yes	3	8.31 x 12.2 x 9.25	TFT
		15 HP	ODV-3-420460-3F1A-MN	ODV-3-420460-3F1E-MN	45.2	46	Yes	4	9.45 x 14.17 x 10.67	TFT
		1 HP	ODV-3-240022-3F1A-MN	ODV-3-240022-3F1E-MN	1.8	2.2	Yes	2	7.4 x 10.12 x 7.16	TFT
		1.5 HP	ODV-3-240041-3F1A-MN	ODV-3-240041-3F1E-MN	3.3	4.1	Yes	2	7.4 x 10.12 x 7.16	TFT
	3-ph 575V In 3-ph 575V Out	2 HP	ODV-3-240041-3F1A-MN	ODV-3-240041-3F1E-MN	3.3	4.1	Yes	2	7.4 x 10.12 x 7.16	TFT
		3 HP	ODV-3-240058-3F1A-MN	ODV-3-240058-3F1E-MN	4.7	5.8	Yes	2	7.4 x 10.12 x 7.16	TFT
		5 HP	ODV-3-240095-3F1A-MN	ODV-3-240095-3F1E-MN	7.7	9.5	Yes	2	7.4 x 10.12 x 7.16	TFT
		7.5 HP	ODV-3-240140-3F1A-MN	ODV-3-240140-3F1E-MN	11.4	14	Yes	2	7.4 x 10.12 x 7.16	TFT
		10 HP	ODV-3-340180-3F1A-MN	ODV-3-340180-3F1E-MN	15	18	Yes	3	8.31 x 12.2 x 9.25	TFT
		15 HP	ODV-3-340240-3F1A-MN	ODV-3-340240-3F1E-MN	20.5	24	Yes	3	8.31 x 12.2 x 9.25	TFT
		20 HP	ODV-3-340300-3F1A-MN	ODV-3-340300-3F1E-MN	25.3	30	Yes	3	8.31 x 12.2 x 9.25	TFT
		25 HP	ODV-3-440390-3F1A-MN	ODV-3-440390-3F1E-MN	35.2	39	Yes	4	9.45 x 14.17 x 10.67	TFT
		30 HP	ODV-3-440460-3F1A-MN	ODV-3-440460-3F1E-MN	42.2	46	Yes	4	9.45 x 14.17 x 10.67	TFT
		0.50 HP	ODV-3-260021-301A-MN	ODV-3-260021-301E-MN	2.2	2.1	No	2	7.4 x 10.12 x 7.16	TFT
	3-ph 575V In 3-ph 575V Out	1 HP	ODV-3-260021-301A-MN	ODV-3-260021-301E-MN	2.2	2.1	No	2	7.4 x 10.12 x 7.16	TFT
		1.5 HP	ODV-3-260031-301A-MN	ODV-3-260031-301E-MN	4	3.1	No	2	7.4 x 10.12 x 7.16	TFT
		2 HP	ODV-3-260031-301A-MN	ODV-3-260031-301E-MN	4	3.1	No	2	7.4 x 10.12 x 7.16	TFT
		3 HP	ODV-3-260041-301A-MN	ODV-3-260041-301E-MN	3.9	4.1	No	2	7.4 x 10.12 x 7.16	TFT
		5 HP	ODV-3-260065-301A-MN	ODV-3-260065-301E-MN	6.5	6.5	No	2	7.4 x 10.12 x 7.16	TFT
		7.5 HP	ODV-3-260090-301A-MN	ODV-3-260090-301E-MN	9.1	9	No	2	7.4 x 10.12 x 7.16	TFT
		10 HP	ODV-3-360120-301A-MN	ODV-3-360120-301E-MN	10.5	12	No	3	8.31 x 12.2 x 9.25	TFT
		15 HP	ODV-3-360170-301A-MN	ODV-3-360170-301E-MN	15.2	17	No	3	8.31 x 12.2 x 9.25	TFT
		20 HP	ODV-3-360220-301A-MN	ODV-3-360220-301E-MN	19.9	22	No	3	8.31 x 12.2 x 9.25	TFT
		25 HP	ODV-3-460280-301A-MN	ODV-3-460280-301E-MN	28.8	28	No	4	9.45 x 14.17 x 10.67	TFT
		30 HP	ODV-3-460340-301A-MN	ODV-3-460340-301E-MN	35.6	34	No	4	9.45 x 14.17 x 10.67	TFT
		40 HP	ODV-3-460430-301A-MN	ODV-3-460430-301E-MN	45.4	43	No	4	9.45 x 14.17 x 10.67	TFT

ODV Selection Continued

Enclosure	Phase / Voltage	HP	Part Number (without Switch)	Part Number (with Switch)	Input Amps	Output Amps	EMC Filter	Frame Size	Nominal Dimensions (W x H x D)	Display Type	Low Harmonic
55 - IP55	3-ph 230 V In 3-ph 230V Out	10 HP	ODV-3-420300-3F1N-MN	C/F	32	30	Yes	4	6.73 x 17.72 x 9.92	TFT	Yes
		15 HP	ODV-3-420460-3F1N-MN	C/F	37.9	46	Yes	4	6.73 x 17.72 x 9.92	TFT	Yes
		20 HP	ODV-3-520610-3F1N-MN	C/F	50.5	61	Yes	5	9.25 x 21.26 x 10.63	TFT	Yes
		25 HP	ODV-3-520720-3F1N-MN	C/F	59.9	72	Yes	5	9.25 x 21.26 x 10.63	TFT	Yes
		30 HP	ODV-3-520900-3F1N-MN	C/F	76.7	90	Yes	5	9.25 x 21.26 x 10.63	TFT	Yes
	3-ph 460V In 3-ph 460V Out	40 HP	ODV-3-621100-3F1N-MN	C/F	121	110	Yes	6	12.99 x 34.06 x 13.07	TFT	No
		20 HP	ODV-3-440300-3F1N-MN	ODV-3-440300-3F1N-MN(*)	25	30	Yes	4	6.73 x 17.72 x 9.92	TFT	Yes
		25 HP	ODV-3-440390-3F1N-MN	ODV-3-440390-3F1N-MN(*)	32.8	39	Yes	4	6.73 x 17.72 x 9.92	TFT	Yes
		30 HP	ODV-3-440460-3F1N-MN	ODV-3-440460-3F1N-MN(*)	39.3	46	Yes	4	6.73 x 17.72 x 9.92	TFT	Yes
		40 HP	ODV-3-540610-3F1N-MN	ODV-3-540610-3F1N-MN(*)	52.3	61	Yes	5	9.25 x 21.26 x 10.63	TFT	Yes
		50 HP	ODV-3-540720-3F1N-MN	ODV-3-540720-3F1N-MN(*)	62.5	72	Yes	5	9.25 x 21.26 x 10.63	TFT	Yes
		60 HP	ODV-3-540900-3F1N-MN	ODV-3-540900-3F1N-MN(*)	79.5	90	Yes	5	9.25 x 21.26 x 10.63	TFT	Yes
		75 HP	ODV-3-641100-3F1N-MN	C/F	126.4	110	Yes	6	12.99 x 34.06 x 13.07	TFT	No
		100 HP	ODV-3-641500-3F1N-MN	C/F	164.7	150	Yes	6	12.99 x 34.06 x 13.07	TFT	No
		125 HP	ODV-3-641800-3F1N-MN	C/F	192.1	180	Yes	6	12.99 x 34.06 x 13.07	TFT	No
	3-ph 575V In 3-ph 575V Out	20 HP	ODV-3-460220-301N-MN	ODV-3-460220-301N-MN(*)	26	22	No	4	6.73 x 17.72 x 9.92	TFT	No
		25 HP	ODV-3-460280-301N-MN	ODV-3-460280-301N-MN(*)	32.2	28	No	4	6.73 x 17.72 x 9.92	TFT	No
		30 HP	ODV-3-460340-301N-MN	ODV-3-460340-301N-MN(*)	39.1	34	No	4	6.73 x 17.72 x 9.92	TFT	No
		40 HP	ODV-3-460430-301N-MN	ODV-3-460430-301N-MN(*)	48.9	43	No	4	6.73 x 17.72 x 9.92	TFT	No
		50 HP	ODV-3-560540-301N-MN	ODV-3-560540-301N-MN(*)	59.5	54	No	5	9.25 x 21.26 x 10.63	TFT	No
		60 HP	ODV-3-560650-301N-MN	ODV-3-560650-301N-MN(*)	70.4	65	No	5	9.25 x 21.26 x 10.63	TFT	No
		75 HP	ODV-3-660780-301N-MN	C/F	90.6	78	No	6	12.99 x 34.06 x 13.07	TFT	No
		100 HP	ODV-3-661050-301N-MN	C/F	121.1	105	No	6	12.99 x 34.06 x 13.07	TFT	No
		125 HP	ODV-3-661300-301N-MN	C/F	143.2	130	No	6	12.99 x 34.06 x 13.07	TFT	No

(*) Denotes that OPT-2-ISOLO-S4/S5 accessory needed (adds switch to IP55 VFD)