

WorldDrive 4X Variable Frequency Drive

- **Built for demanding, wash-down and outdoor environments— IP66-rated, NEMA 4X Polycarbonate Enclosure**
- **Powerful & Versatile— Volts to frequency (V/f), slip compensation, and sensorless vector control technology**
- **Easy Commissioning and Operation— Integrated keypad and display**
- **Secured Operation— lockable disconnect for lock out tag out procedures.**
- **0.5 -30 hp**



Product Features & Specifications

- Starting current: 150% overload for 60 sec, CT
- Safe torque off
- 200-230 V, Single-phase, ½ - 10 hp
- 200-230 V, Three-phase, ½ - 20 hp
- 380-480 V, Three-phase, ½ - 30 hp
- Input Voltage range:
 - 200-230 V Single/three-phase (-15%, +10%)
 - 380-480 V Three-phase (-15%, +10%)
- Output frequency: 0 - 400 Hz, Sensorless: 0 - 300 Hz
- Carrier frequency: 1 - 15 kHz
- Conformal coated printed circuit boards
- Built-in Modbus RTU
- Optional Ethernet IP communications
- Intuitive, on-board keypad featuring a 7-segment display, 8 independent membrane keys, and 4 status/pilot lights.

Ultimate Control & Setup

All operational parameters can be configured using PC software or the intuitive, built-in keypad, and the current status is shown clearly on the display and status lights. Scan the QR code with a smartphone to quickly view the product manual and key information.



Responsive
Service & Technical Support



Quality Products
Competitive Pricing



In Stock Availability
Warehouses Nationwide



Fast Shipping
Same-Day Available



UL Three-phase Ratings		UL Single-phase Ratings			Built-in EMC Filter	Built-in DC Reactor	Model	Dimensions H x W x D (in)*	Weight (lbs)*
Heavy-duty (CT) 150% / 60 sec		Heavy-duty (CT) Single-phase Input		Heavy-duty (CT) 3-Phase Output					
hp	Amps	hp	Amps	Amps					
240 V									
0.5	2.5	---	2.2	1.5	No	No	WD4X004-2	10.1 x 7.1 x 6.9	7.9
1	5	0.5	4.9	2.8			WD4X008-2	10.1 x 7.1 x 6.9	7.9
2	8	1	8.4	4.6			WD4X015-2	10.2 x 8.7 x 7.9	11.5
3	11	1.5	11.8	6.1			WD4X022-2	10.2 x 8.7 x 7.9	11.7
5	16	2	17.5	8.8			WD4X037-2	10.2 x 8.7 x 7.9	12.3
7.5	24	3	25.8	13			WD4X055-2	12.9 x 9.8 x 8.9	19.8
10	32	5	34.9	18			WD4X075-2	12.9 x 9.8 x 8.9	19.8
15	46	7.5	50.8	26			WD4X110-2	15.7 x 10.2 x 9.7	21.2
20	60	10	66.7	33			WD4X150-2	18.1 x 11.8 x 9.8	26.7
480 V									
0.5	1.3	---	1.1	0.8	No	No	WD4X004-4	10.1 x 7.1 x 6.9	8.2
1	2.5	0.5	2.4	1.5			WD4X008-4	10.1 x 7.1 x 6.9	8.2
2	4	0.75	4.2	2.3			WD4X015-4	10.2 x 8.7 x 7.9	11.7
3	5.5	1	5.9	3.1			WD4X022-4	10.2 x 8.7 x 7.9	12.1
5	8	2	8.7	4.8			WD4X037-4	10.2 x 8.7 x 7.9	12.3
7.5	12	3	12.9	7.1			WD4X055-4	12.9 x 9.8 x 8.9	19.4
10	16	5	17.5	9.5			WD4X075-4	12.9 x 9.8 x 8.9	19.4
15	24	7.5	26.5	15			WD4X110-4	15.7 x 10.2 x 9.7	21.2
20	30	10	33.4	18			WD4X150-4	15.7 x 10.2 x 9.7	21.6
25	39	10	43.6	23			WD4X185-4	18.1 x 11.8 x 9.8	27.3
30	45	15	50.7	27			WD4X220-4	18.1 x 11.8 x 9.8	27.3

Model Number Selection

WorldDrive 4X part numbers contain the product family, motor rating code, and input Voltage. Example: **WD4X04-02**

* Given weights and dimensions are approximate



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Distribution Centers in Atlanta (GA), Dallas (TX),
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