



SALES: +1 (800) 808-2131  
SERVICE: +1 (844) WWE-SERV (844-993-7378)  
WORLDWIDEELECTRIC.NET

MOTOR  
CONTROLS



## WCD Series Stock NEMA 3R Panel Features the WorldDrive Flex Control Drive

The flexibility to do more. The WCD Series Stock Panel features a NEMA 3R enclosure, a circuit breaker disconnect, and the WorldDrive Flex Control Drive (WDFC) which is recognized for its flexibility and industry-leading on-board feature set. This standard package\* is available with five output options and includes an on/off/auto switch, a speed pot, and an LCD keypad. The WCD Series Panels are UL compliant, assembled, tested, and readied for operation prior to shipment.

### Specifications

- Enclosure: NEMA 3R
- Capacity: 20 - 250 HP\*, 200-240V AC, 380-480V AC
- Starting Current:  
150% overload for 60 seconds, CT  
120% overload for 60 seconds, VT

### In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$30 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

**For more details, visit [wwec.co/WCD](http://wwec.co/WCD)**

\* Additional variations of this panel are available. See Motor Controls Catalog.

## Product Features

### WCD Series Stock Panel

- NEMA 3R Enclosure
- Circuit breaker disconnect
- On/Off / Auto Switch (2-wire control)
- Speed Pot
- LCD Keypad
- Thermostat controlled, filtered forced ventilation system
- Rodent screen protection
- Additional variations are available. See WorldWide Electric's Motor Controls Catalog for more detail.

### WorldDrive Flex Control Drive

- Control Options: Volts to frequency (V/f), slip compensation, and sensorless vector control
- On-board keypad
- Real-time event clock
- Built-in PID loop control, built-in Modbus-RTU
- Higher ratings available for single-phase input
- Multi-motor control and multi-master control
- Conformal coated printed circuit boards
- UL Listed, cUL Listed, CE Certified
- Available accessories: Flange mount kit, conduit box, remote cable with keypad, NEMA 4X keypad mount

**For more details, including full specifications and compliance, visit [wwec.co/WCD](http://wwec.co/WCD)**

## Model Number Selection

**WCD** **3R** **C** - **107** **B** **4A** + **HIM3R**

**WCD:** WorldWide Configured Variable Frequency Drive

**Enclosure**  
**3R:** NEMA 3R Enclosure  
**4:** NEMA 4 Enclosure  
**12:** NEMA 12 Enclosure

**Circuit Breaker**  
**C:** Combination with main circuit breaker  
**BLANK:** No main circuit breaker

**VFD amperage rating**, with 60 second 120% overload capacity, (normal duty). Consult tables for 60 second 150% overload capacity, (heavy duty).

**VFD Type (Model)**  
**A:** Hyundai N700E  
**B:** WDFC (WorldDrive Flex Control)

**Voltage Code**  
**2A:** 200-240V AC +/-10%  
**4A:** 380-480V AC +/-10%

Option Code	Option Description
➔ <b>H</b>	<b>On-Off-Auto Selector Switch</b>
➔ <b>I</b>	<b>Speed Potentiometer</b>
J	Start/Stop Pushbuttons
K	Hand-Off-Auto Selector Switch
L	Surge Suppression
➔ <b>M3</b>	<b>VFD Keypad in door (must be used with option R or S)</b>
M7	SID7 Operator Interface (must be used with option R or S)
N	Panel Space Heater
O	Green Run Pilot Light
P	Amber Fault Pilot Light and Reset Pushbutton
Q	White Drive Ready Pilot Light
➔ <b>R</b>	<b>Lockable, solid control door cover</b>
S	Lockable, window control door cover
U	1.3A, 24VDC Power Supply for Loop Power

## Available In Stock Models

Model Number	Voltage	Constant Torque		Variable Torque		Enclosure HxWxD (inches)
		Heavy Duty		Normal Duty		
		HP	Current	HP	Current	
WCD3RC-069B2A+HIM3R	230	20	60	25	69	40 x 25 x 19
WCD3RC-107B4A+HIM3R	460	60	81	75	107	50 x 31 x 21
WCD3RC-169B4A+HIM3R		100	136	125	169	56 x 37 x 23
WCD3RC-264B4A+HIM3R		150	195	200	264	63 x 37 x 25
WCD3RC-370B4A+HIM3R		250	303	300	370	68 x 38 x 25

WMCWCD022020



WorldWide Electric Corporation is a leading manufacturer of dependable electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.