

# DR5000 Series Pin-Out Lists

## CN-1 Controller Connections 50-Pin Honda

Pin No.	Signal
1-8	Servo stiffness input (FC0-FC8)
9-12	Position end pulse width input (POSW1, POSW0)
13	A+ output
14	A- output
15	Servo ready + output
16	Servo ready - output
17	Velocity monitor + output
18	Velocity monitor - output
19	Direction - input
20	Direction + input
21	Integral capacitor reset + input
22	Integral capacitor reset - input
23	Servo on - input
24	Servo on + input
25-26	Integral/proportional action input
27	In position + output
28	In position - output
29	B+ output
30	B- output
31	No connection
32	No connection
33-38	Gain selection inputs - low, medium, high
39	CPU reset + input
40	CPU reset - input
41	Counter overflow + output
42	Counter overflow - output
43	Z+ output
44	Z- output
45	Step + input
46	Step - input
47	Overload + output
48	Overload - output
49	Analog input ( $\pm 10V$ )
50	Analog input GND

## Power Screw Terminal DR5000A (200VAC 3 $\phi$ )

Pin No.	Signal
1	Phase 1 (main)
2	Phase 2 (main)
3	Phase 3 (main)
4	Line (control)
5	Neutral (control)
6	GND
7	Motor A
8	Motor B
9	Motor C
10	GND

## Power Screw Terminal DR5000B (230VAC 1 $\phi$ )

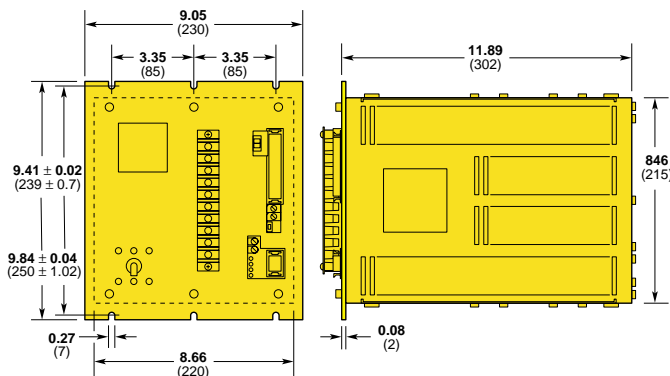
Pin No.	Signal
1	Line (control)
2	Neutral (control)
3	Line (main)
4	Neutral (main)
5	GND
6	Motor A
7	Motor B
8	Motor C
9	GND

## Resolver Honda Connector

Pin No.	Signal
1	+S0 (Brown/White)
1	+S180 (Green/White)
2	-S0 (Brown)
3	-S180 (Green)
4	Shield
5	FG (Black)
6	+C0 (Orange/White)
6	+C180 (Blue/White)
7	-C0 (Orange)
8	-C180 (Blue)

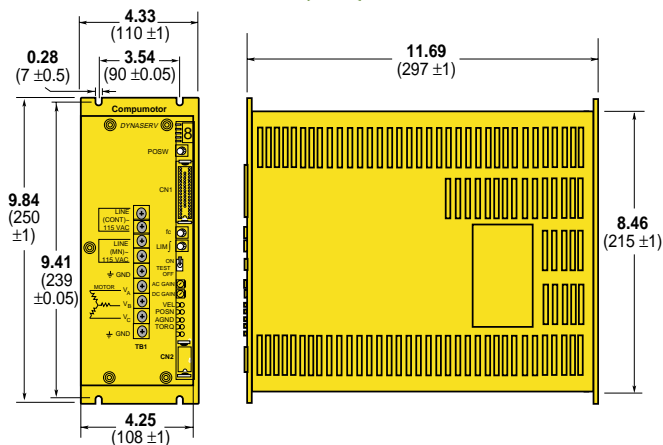
### DR5000 A

Dimensions in inches (mm)



### DR5000 B

Dimensions in inches (mm)



Please refer to the ordering information matrix on page 107