

Single Phase DC Systems Drives

This family of single phase DC drives with isolated control circuitry, is designed to meet the most exacting requirements of high performance systems builders. It is a range of full featured products using advanced manufacturing technologies to give unequalled value and functionality to OEMs and System Integrators with world wide markets and demanding applications.

NON-REGEN MODELS

	230VAC, 180VDC	115VAC, 90VDC	FUSE KIT
400i (4 amps)	0.75hp	0.4hp	included
1600i (16 amps)	3hp	1.5hp	F2-30
3200i/32 (32 amps)	6hp	3hp	F2-60
415VAC, 320VDC			
3200i/48LL (48 amps)	7.5hp	4hp	F2-80
460VAC, 360VDC			
3200i/32C109 (32 amps)	8hp	5hp	F2-60

4-Q REGEN, REVERSING MODELS

	230VAC, 180VDC	115VAC, 90VDC	FUSE KIT
3600XRi/16	3hp	1.5hp	F3-30
3600XRi/32	6hp	3hp	F3-60
3600XRi/36	6.5hp	3hp	F3-60
415VAC, 320VDC			
3600XRi/36LL	10hp	6hp	F3-60
480VAC, 360VDC			
3600XRi/32C132	10hp	6hp	F3-60



Model 400i, up to 0.75hp
4" x 6.25" x 2" (100 x 160 x 50mm)



Model 1600i, up to 3hp
6.1" x 6.1" x 3.4" (150 x 150 x 85 mm)

Standard Features

Approvals: CE
Linear torque control
Armature voltage or tach feedback
Calibration range switches
Speed reference 0-10V or 4-20mA
Maximum and minimum speed settings
Adjustable current limit
Current range switch selectable (not on 400i)
Independently adjustable up and down ramps
150% overload capacity, 30 second stall timer
Stall relay contact output (transistor on 400i)
Zero speed relay contact (transistor on 400i)
Control fuses fitted (Power fuse on 400i)
Start inhibit after power loss
Power on and stall indicator LEDs
Speed signal output
Current signal output
Ramp signal output
Total demand signal output
Dual supply voltage 110 / 230 VAC, 50/60Hz
Suitable for shunt or PM motors
IR compensation
Stability adjustment

Additional Regen Drive Features

Speed reference +/-10V or 4-20mA
Speed trim input
Independent up & down ramps in FWD & REV
Separate adjustable current limits motor/brake
Torque control in either 2 or 4 quadrants
Relay for Stall, Zero speed, Reverse, Overload
Control fuses fitted
Fast, ramped or coast stop
LEDs for + current, - current, stall & stall timer
Momentary contact for reversing applications

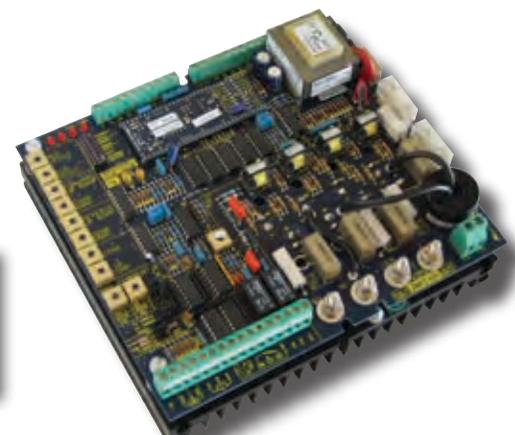
Optional drive.web smarty

For complete process automation Model dw210-1107 uses discrete i/o interface to the drive and to provide:

- Ethernet networking
- Internet access
- Powerful function blockprogramming
- ModbusRTU and ModbusTCP/IP
- Additional remote i/o
- Encoder feedback (see page 15 for details)



Model 3200i, up to 7.5hp
6.1" x 8.0" x 4.2" (150 x 200 x 105 mm)



Model 3600XRi
Up to 32 amps - 6.9" x 8" x 3.2" (175x200x80 mm)
36 amps unit - 6.9" x 8" x 3.8" (175x200x95 mm)

Enclosed Drives

Enclosed wall mounting versions of these drives and a wide range of other options are detailed in the "Modulus Drive Units" section of this catalog