

AT A GLANCE

340i, 680i, 1220i series

Fully isolated control electronics

340i controller for DC motors rated up to 3.4 Amps (0.55KW/0.75HP)

680i controller for DC motors rated up to 6.8 Amps (0.75KW/1HP)

1220i controller for DC motors rated up to 12.2 Amps (1.8KW/2HP)

DIN rail mounting

Easy to access drive adjustments

Plug-on screw terminals

Small footprint

UL, CuL, CE approved

PRODUCT NAME

340i

340i 0.55kW / 0.75HP
680i 0.75kW / 1.0HP
1220i 1.8kW / 2.0HP

DESCRIPTION

Fully isolated DC motor control with compact design

Improving or upgrading your single direction DC motor control system is easier with this series of fully-isolated controllers. The ultra compact DIN rail mounting package lets you quickly integrate the 340i, 680i and 1220i series with your existing motor control equipment.

Three options are available for controlling DC motors up to 12.2 Amps. You can use this

versatile series of fully-isolated controllers for permanent magnet or shunt wound motors.

To make your installation quick and simple, all 340i, 680i and 1220i series controllers have easy to access drive adjustments, plug-on screw terminals and a small footprint from just 60mm x 105mm.



340i

340i 0.55kW / 0.75HP

680i 0.75kW / 1.0HP

1220i 1.8kW / 2.0HP

Technical highlights:

- 340i, 680i, 1220i series
- Switch selectable Tach or Armature voltage feedback
- Adjustable IR compensation for improved AVF
- Speed or torque control
- Selectable dual voltage AC supply
- Aux speed input
- 150% overload with stall protection

User adjustable:

- Max motor speed
- Min motor speed
- Up ramp
- Down ramp
- Stability
- Imax
- IR comp
- AVF/Tach switch
- Speed range switch
- AC voltage selector
- Signal level comparator

Signal terminals:

- | | |
|----------------|-----------------|
| +10V ref | Level output |
| Min speed | Level input |
| Ramped input + | Overload output |
| Output +/- | Trip output |
| Common | Ramp output |
| Input +/- | Demand output |
| Pushbutton + | Speed output |
| Pushbutton - | Current output |
| Run input | Speed input |
| Common | Torque input |
| Tach input | |

MODEL COMPARISON

MODEL	AC SUPPLY RANGE	TYPICAL ARMATURE VOLTAGE	MAX CONTINUOUS ARMATURE CURRENT	NOMINAL POWER
340i	100 to 130v	90v	3.4A	0.25kW (0.35HP)
	200 to 264v	180v	3.4A	0.55kW (0.75HP)
680i	100 to 130v	90v	6.8A	0.55kW (0.75HP)
	200 to 264v	180v	6.8A	0.75kW (1.0HP)
1220i	100 to 130v	90v	12.2A	0.75kW (1.0HP)
	200 to 264v	180v	12.2A	1.8kW (2.0HP)

DIMENSIONS 340i

H	105 mm
W	60 mm
D	120 mm
680i / 1220i	
H	105 mm
W	70 mm
D	120 mm

Refer to features chart for further details or download product manual for full specification.