

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.



See parts list at back for low voltage supply options and fuses.

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

Min speed

Ramped input +

Output +/-

Common

Input +/-

Pushbutton +

Pushbutton -

Run input

Common

Tach input

Level output

Level input

Overload output

Trip output

Ramp output

Demand output

Speed output

Current output

Speed input

Torque 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.