

PRODUCT NAME

340

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

AT A GLANCE
340, 680, 1220 series

DESCRIPTION

Ultra compact DC motor control. Non isolated.

Make upgrading your existing control panel easier. Save space in new DC single direction motor control systems. The ultra compact DIN rail mounting package lets you install quickly.

Three options are available for controlling DC motors up to 12.2 Amps. You can use this versatile range of non-isolated controllers for

permanent magnet, shunt wound motors or universal motors.

To make your installation quick and simple, all 340, 680, and 1220 series controllers have easy to access drive adjustments, plug-on screw terminals and a small footprint from just 35mm x 105mm.



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

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

1220 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

Technical highlights:

Switch selectable Tach or Armature voltage feedback

Adjustable IR compensation for improved AVF speed regulation

Selectable dual voltage AC supply

Aux speed trim input available in AVF mode

User adjustable:

Ramp

Max motor speed

Min motor speed

IR comp

Max motor current

MODEL COMPARISON

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

DIMENSIONS 340

H	105 mm
W	35 mm
D	120 mm

680 / 1220

H	105 mm
W	45 mm
D	120 mm

See parts list at back for low voltage supply options and fuses.
Refer to features chart for further details or download product manual for full specification.