

Single Phase Soft Starter

HFE-1

The HFE1 Soft Start for a 110V or 240V Single Phase motor to 10A. Suitable for 1.1kW (1.5HP) at 240V or 0.55kW (0.75HP) at 110V. Can be used with either Capacitor Start or Capacitor Run Single Phase motors. Applies a low starting voltage to the motor when power is applied and raises this voltage to match the specified ramp time until the motor is running at full speed.

FEATURES

- Wall mount in clean environment or cubicle mount.
- Rated at 40C Ambient.
- Ventilation space above and below - 40mm.
- Ventilation space at sides - [Not specified].
- Mount vertically via 4 x Ø5.5mm holes on 50mm x 195mm centres.
- Mount vertically via 2 x Ø5.5mm open slots on 195mm pitch.
- 2 x M16 Glands included on bottom surface.

ENERGY SAVING

Continually regulates voltage to match the mechanical load once the ramp period is complete and the motor is running at full speed. Manufacturer states savings of 10-32% are possible.

SIZE

64mm Wide x 68mm Deep x 218mm high overall. IP30 case.

SPECIFICATIONS

Input Voltage	110-240Vac -15% +10% at 50/60Hz ±2Hz
Input Current	To suit 10A MCB, Trip Characteristic C
Pedestal Voltage	15% (fixed)
Start time (ramp)	0.5s - 5s (selectable)
Starts per hour	Up to 60 (no more than 1 per minute)



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