



## ICM CONTROLS ICM870 9A Color Height Length UPC User Manual

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**ICM CONTROLS ICM870 9A Color Height Length UPC**



## FEATURES

- Starting current reduction & self-learning algorithm
- Built-in start capacitor
- Over/under voltage monitoring
- Over-current protection
- Diagnostic indicators
- Sealed enclosure

## SPECIFICATIONS

- Inputs: L1 & L2
- Nominal voltage: 120 VAC, 240 VAC
- Over voltage limits: 120 VAC nominal = 140 VAC 240 VAC nominal = 250 VAC
- Under voltage limits: 120 VAC nominal = 95 VAC 240 VAC nominal = 195 VAC
- Outputs: Compressor
- Current: Maximum nominal = 9 A, 16A Absolute maximum = 22 FLA, 84 LRA
- Over current limits: ICM870-9A = 11.25A, ICM870-16A = 20A
- Operating temperature: -40°F to 131°F (-40°C to 55°C)
- Storage temperature: -40°F to 149°F (-40°C to 65°C)
- Humidity: 0-95% non-condensing
- Enclosure: IP65/Type 4X
- Dimensions: 7.63" x 3.19" x 2.13"

OVERVIEW

The ICM870 is intended for marine, recreational vehicle (RV), residential and commercial applications. The ICM870 integrates compressor or motor in-rush current over startup time, thus reducing peak current demand on a power supply source, such as generator or other.

The ICM870 will monitor system health including voltage, current, compressor startup and self integrity. Upon a fault condition, the ICM870 will halt operation and initiate a 3 minute anti-short cycle routine while providing diagnostic fault information by means of an LED indicator.

REPLACES

- Dometic Smart Start: Models 340582 and 340583

Documents / Resources



[ICM CONTROLS ICM870 9A Color Height Length UPC](#) [pdf] User Manual  
ICM870 9A, Color Height Length UPC, Height Length UPC, Length UPC, UPC, ICM870 9A

References

- [ICM CONTROLS - Engineering, Manufacturing, Innovation.](#)