

Installation Instructions

Infinity ICMENGAGE HVAC Control Module



Installation and wiring should be performed by competent, licensed and trained technicians. Equipment damage and/or malfunction will occur in an improper installation. All work must comply with all Local, State and Federal Codes and Standards set in place with the proper AHJ approvals.

The package does not contain a Back Box or Front plate. These units utilize one "gang" of a Device Mount box. Multiple *Infinity* devices may be installed in one Multi-gang box, please consult your drawings for proper configuration of this device with others.

Installation:

Mount the box securely to the wall.

Make conduit connections and pull wire.

1. Before mounting Frame to the back box, terminate the wires per your application (See Figures 1 & 2 on page 2). **Make sure system is powered down!**
2. Attach the frame to the box using the two 6x32 self tapping screws supplied.
3. Cover with the *Infinity* Plate using the two color matched screws supplied.
4. Power System up, test and verify the operation of all installed units.

Ratings and Resistive Load Chart:

Key Switch:

3A @ 24 VDC

4A @ 125 VAC

2A @ 250 VAC

Ordering Information:

Part #	Description
ICMENGAGE	Engage Key Switch

Space Age Electronics, Inc.
www.1sae.com
800.486.1723 voice
508.485.0966 direct
508.485.4740 fax

Operation:

The *Infinity* ICMENGAGE Key Switch module provides control over any ICMHOA Control module receiving it's operating 24 VDC through the ICM-Engage Switch.

The ICMENGAGE Key Switch module interrupts the Positive conductor to the ICMHOA Switches rendering them inoperative until such time as the operation of the ICMHOA Switches is required, then the ICMENGAGE Key Switch must be activated in order to allow the operator to control the ICMHOA's functions.

If an ICM-LEDTest Module is supplied as part of the overall *Infinity* ICM Package, the ICMENGAGE Key Switch module must be wired electrically after the ICMLEDTEST Switch.

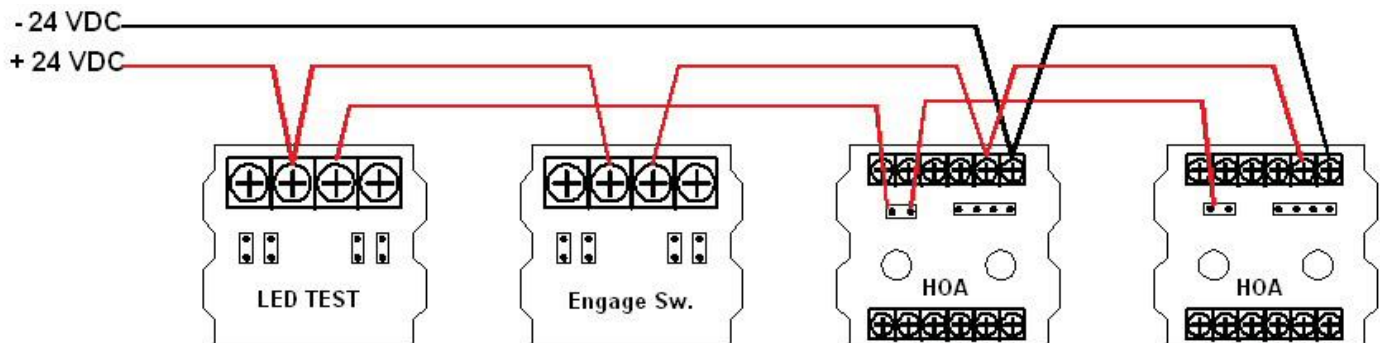


Figure 1

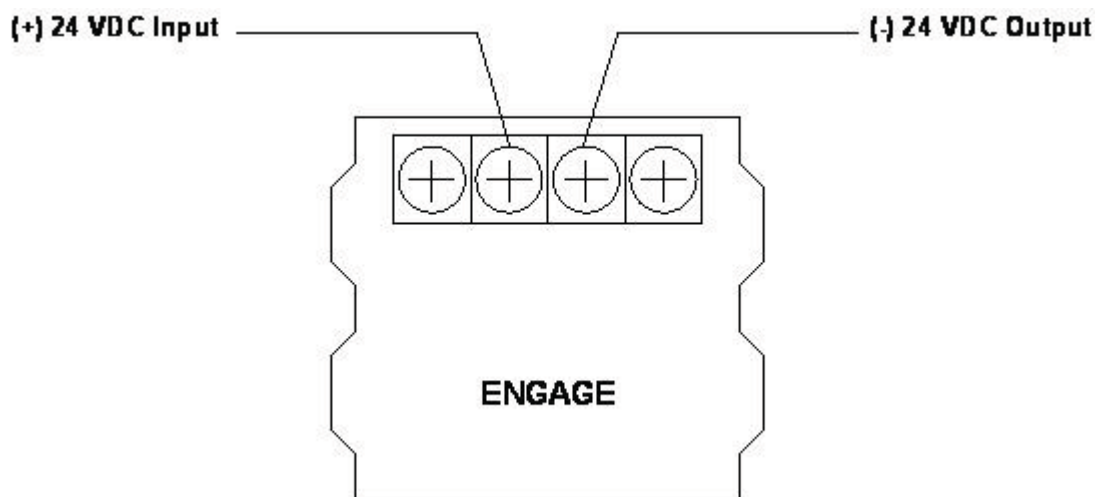


Figure 2

Ordering Information:

Part #	Description
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No Excuses, Just Solutions!