

Load Control Module

Technical Sheet

HAI offers three Load Control Modules (LCMs) to control the power consumption for high wattage loads such as pool pumps and hot water heaters. The LCMs can also control fountains, ceiling/attic fans, flourescent lights, 3HP and 2HP motors, and exterior lights.



HLC Load Control Module, a 30 AMP Module utilizing Generation II UPBTM (Universal Powerline Bus) technology over existing power lines. Can be installed without additional wiring.

Hardwired Load Control Module, a 20 AMP Relay Module that connects directly to voltage outputs on HAI home controllers and expanders and includes a manual override switch. Can control 277 V AC lighting ballasts.

Wireless Utility Load Control Module, which is designed for load control communication through a participating utility company.

Input voltage / frequency: 120VAC / 60 Hz (Neutral Required)
Output: 30A @ 120 / 240VAC, 1HP @ 120VAC, 3HP @ 240VAC

Connections: 10AWG, 16AWG flying leads

Dimensions: 4.6" x 4.6" x 2.5"

Communicates thru UPB™ powerline carrier technology

For indoor use only



Hardwired Load Control Module

72A00-1

Contact Ratings:

20 Amp Res @277 VAC 1HP@ 120 VAC 2HP@ 277 VAC

20 Amp Ballast N/O @ 120/277 VAC 10 Amp Ballast N/C @ 120/277 VAC 10 Amp Tungsten N/O @ 120 VAC 770 VA Pilot Duty @ 120 VAC 1,110 VA Pilot Duty @ 277 VAC

Control Input:

1 mA @ 12VDC

Contact Output:

2 Orange Wires

Power Input:

2 White/Black Wires

Power Input Rating:

42 mA @ 120 VAC

For Use With:

Whole house ventilators

Humidifier

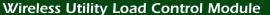
Dehumidifier

Small commercial:

lighting control vent fan control circulator pump

- sign lighting
- outdoor lighting

Modules can be used to lock out energy consuming devices when electricity costs are high using HAI's scheduling features.



73A00-1

Input voltage / frequency: 120 – 240VAC / 50 - 60Hz

Output: 30A @ 120 / 240VAC, 1HP @ 120VAC, 2HP @ 240VAC

Connections: 10AWG, 16AWG flying leads

Dimensions: 4.6" x 4.6" x 2.5"

Wireless communication device







HAI Parts List

Modules	Dimensions	Part Numbers
HLC Load Control Module	4.6" x 4.6" x 2.5"	71A00-1
Hardwired Load Control Module	4.00" x 4.00" x 1.80"	72A00-1
Wireless Utility Load Control Module	4.6" x 4.6" x 2.5"	73A00-1

Saving energy has been a core concern and objective for HAI since its inception in 1985.

- HAI President, Jay McLellan

