HAI Omni-Bus

LIGHTING CONTROL NETWORK

The HAI Omni-Bus Lighting Control Network is the hardwired and wireless lighting solution for 220V/50Hz applications.

Core Components (Required)

Interface Translator DIN Rail Module	117A00-1
Power Supply 2.5A DIN Rail Module	123A00-1
Power Supply Interface 2A DIN Rail Module	124A00-1
8-Way Splitter DIN Rail Module	120A00-1
Termination Plug	122A00-1
Jumper Plugs	121A00-1

Accessories

RF Transceiver DIN Rail Module	115A00-1
DALI Gateway DIN Rail Module	118A00-1
USB Programming Interface Unit	116A00-1
3-Way Splitter	119A00-1
Single-Gang Switch Box w/Cover, Metal	95A20-1

Load Control Modules

4-Channel Relay Module DIN Rail	112A00-1
400W Dimmer DIN Rail	110A00-1
900W Dimmer DIN Rail	110A00-2
3000W Power Switch DIN Rail	111A00-1

Switch Interfaces

6-Channel Universal Switch Interface Module	114A00-1
Univ. Switch Interface Module Cable Assembly	114A01-1
1-Button, Hardwired, White	113A00-1
1-Button, Wireless, White	113A00-2
2-Button, Hardwired, White	113A00-3
2-Button, Wireless, White	113A00-4
3-Button, Hardwired, White	113A00-5
3-Button, Hardwired, Brushed Stainless	113A00-6
3-Button, Wireless, White	113A00-7
6-Button, Hardwired, White	113A00-8
6-Button, Hardwired, Brushed Stainless	113A00-9
Keyfob Remote Control, 6-Channel	125A00-1
Keyfob Remote Control, 16-Channel	125A00-2

How HAI Omni-Bus works

Power modules feed power to dimmer or non-dimming switches. Each switch wires up to a DIN rail module. Load Control and other DIN rail modules connect to the Omni-Bus network using standard Cat-5 UTP (Unshielded Twisted Pair) cable between each Omni-Bus device. The Omni-Bus network runs on a low supply voltage (24VDC) and is optically isolated from the mains supply side. Each hardwired switch connects to the Omni-Bus network using Cat5. The use of splitters allows for a free topology architecture for ease of installation and expandability..

Additional HAI Omni-Bus advantages

The HAI Omni-Bus lighting system fully integrates with HAI home automation controllers, allowing control of Omni-Bus devices using standard HAI interfaces or software applications. There is no need for a third-party solution.

HAI Headquarters | 4330 Michoud Boulevard | New Orleans, Louisiana 70129 | 800.229.7256 | 504.736.9810 | Fax 504.253.2955 | www.homeauto.com

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● Core Components (Required) ● Accessories ● Load Control Modules ● Switch Interfaces

Interface Translator DIN Rail Module

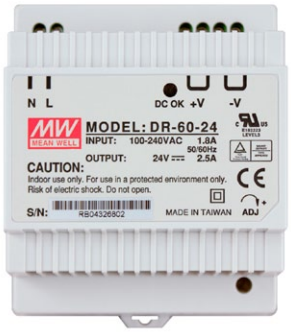
● *117A00-1*

The "gateway" of the Omni-Bus system, this device allows HAI Controllers (OmniLT, Omni IIe, OmniPro II, Lumina, and Lumina Pro) to interface with an Omni-Bus network. Designed for HAI's international markets using 220-240V~, 50Hz.

The heart of the Omni-Bus network.
Connects Omni-Bus to the HAI controller.
Module conveniently installs on DIN rail.

Power Supply 2.5A DIN Rail Module

● *123A00-1*

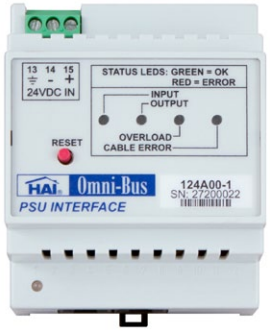


This 24VDC 2.5A power supply module provides power to the Omni-Bus network. Required Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

CE approved 24VDC 2.5A power supply.
Required core component for Omni-Bus network.
Module conveniently installs on DIN rail.

Power Supply Interface 2A DIN Rail Module

● *124A00-1*



Used to detect overloading and select cabling errors on the Omni-Bus network. Required Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Monitors the integrity of the bus network.
Required core component for Omni-Bus network.
Module conveniently installs on DIN rail.

8-Way Splitter DIN Rail Module

● *120A00-1*

Eight-port splitter used for splitting the network into a star configuration. Required Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Expands the number of Omni-Bus network connections.
Required core component for Omni-Bus network.
Module conveniently installs on DIN rail.

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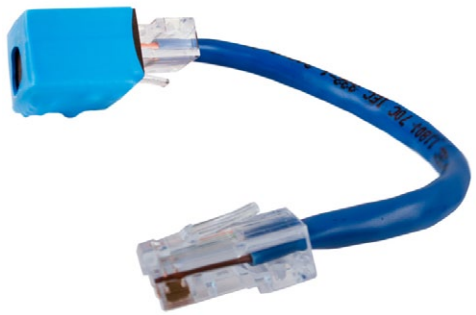
● Core Components (Required) ● Accessories ● Load Control Modules ● Switch Interfaces

Termination Plug

● *122A00-1*



Used to terminate the Omni-Bus network. Each network must contain one and only one network Termination Plug. Required Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Terminates the network at the Power Supply Interface.
No more or less than one per network.
Required core component for Omni-Bus network.

Jumper Plugs

● *121A00-1*

Used to terminate any open ends or open connectors on the Omni-Bus network. Required Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz. Available in packs of ten. Not sold individually.

Terminates open ends or open connectors.
Available in packs of ten.
Required core component for Omni-Bus network.

RF Transceiver DIN Rail Module

● *115A00-1*

Wireless transceiver for use with wireless switch interfaces 113A00-2, 113A00-4, 113A00-7, 125A00-1, 125A00-2. Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Required for wireless Omni-Bus switch interfaces.
Communicates with up to 256 wireless switch interfaces.
Module conveniently installs on DIN rail.

DALI Gateway DIN Rail Module

● *118A00-1*

Controls DALI (Digital Addressable Lighting Interface) output devices: On/off switching, dimming, DALI group control, DALI broadcast control, and DALI scene control. Designed for HAI's international markets using 220-240V~, 50Hz.

Control lighting using the DALI standard.
Up to 64 DALI compatible lights.
Module conveniently installs on DIN rail.

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HAI Omni-Bus
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● Core Components (Required) ● Accessories ● Load Control Modules ● Switch Interfaces

USB Programming Interface Unit

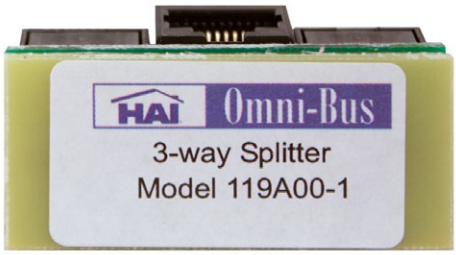
● *116A00-1*

Configure and maintain all user programmable parameters of the Omni-Bus network with a PC. Includes an Omni-Bus PC software license. Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Quickly connect to and program Omni-Bus networks.
Converts Cat-5 Omni-Bus connection to USB on computer.
Includes Omni-Bus PC software license.

3-Way Splitter

● *119A00-1*



Expand an Omni-Bus network with this splitter. Used where a T-junction or network split is required. Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Add two additional Cat-5 connections to the network.
Small and convenient size.
Quick and easy expansion option.

Single-Gang Switch Box w/Cover, Metal

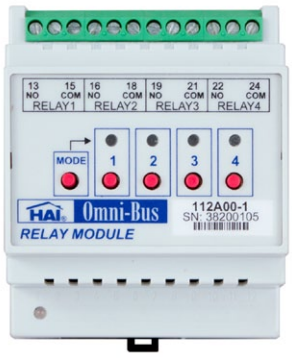
● *95A20-1*

Features holes and knockouts for mounting to desired surface. Can accomodate Hi-Fi 2 by HAI interfaces, Omni-Bus hardwired switches, and UPB switches. Includes a metal cover with hardware for mounting to the box.

Accomodates a variety of single-gang HAI interfaces.
Comes with matching cover and hardware.
Complete with mounting holes and knockouts.

4-Channel Relay Module DIN Rail

● *112A00-1*



Control up to four general purpose resistive loads: 460W (2A) @ 230V~ or general purpose low voltage switching applications (irrigation valves, gates, garage doors, etc.). Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Low voltage load control module.
Add sprinklers, gate control, or other low voltage items.
Module conveniently installs on DIN rail.

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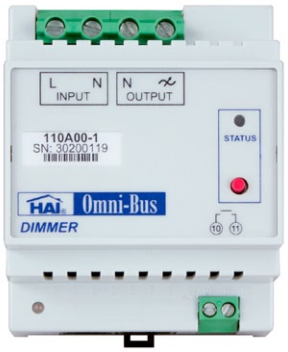
400W Dimmer DIN Rail

● *110A00-1*

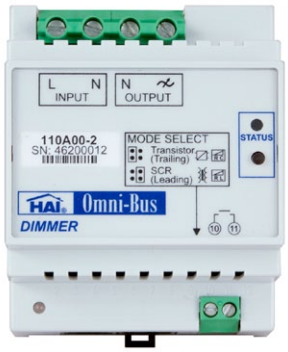


Controls 220V incandescent, 220V halogen, and low voltage transformers suitable for trailing-edge dimming. Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Omni-Bus load control module.
Control and dim a variety of lighting.
Module conveniently installs on DIN rail.

900W Dimmer DIN Rail

● *110A00-2*

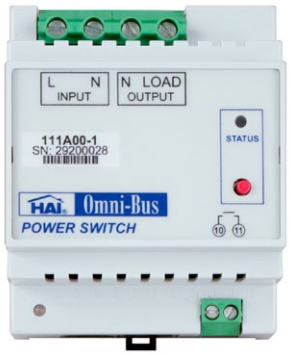


Controls 220V incandescent, 220V halogen, low voltage electronic transformers, low voltage magnetic transformers. Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Omni-Bus load control module.
Control and dim a variety of lighting.
Module conveniently installs on DIN rail.

3000W Power Switch DIN Rail

● *111A00-1*



Control general purpose resistive: 3000W (13A)@230V~, motor: 4hp (3000W)@230V~, ballast (fluorescent lights): 3000W@ 230V~, low voltage transformer: 3000W@230V~. Designed for HAI's international markets using 220-240V~, 50Hz.

Omni-Bus load control module.
Powers on or off; no dimming capability.
Module conveniently installs on DIN rail.

6-Channel Universal Switch Interface Module

● *114A00-1*

Connects up to six third-party switches to the Omni-Bus network. Six LED outputs control two-lead bi-color or single color LED indicators for each switch. Omni-Bus component designed for HAI's international markets using 220-240V~, 50Hz.

Works with any momentary switch.
Installs at location of switch.
Fully programmable for a variety of applications.

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● Core Components (Required) ● Accessories ● Load Control Modules ● Switch Interfaces

1-Button, Hardwired, White

● *113A00-1*

Single button hardwired switch interface. Controls dimmer, power switch, relay, or an input into HAI controller. LED light indicates operation status. Designed for HAI's international markets using 220-240V~, 50Hz.

Attractive modern design.
Glossy, smooth white finish.
Red/green LED indicator inside push button.

1-Button, Wireless, White

● *113A00-2*

Single button wireless switch interface. Controls dimmer, power switch, relay, or an input into HAI controller. LED light indicates operation status. Requires RF Transceiver (116A00-1). Designed for HAI's international markets using 220-240V~, 50Hz.

Wireless control of lighting and other HAI systems.
Glossy, smooth white finish.
Red/green LED indicator inside push button.

2-Button, Hardwired, White

● *113A00-3*

Two-button hardwired switch interface. Controls dimmers, power switches, relays, or inputs into HAI controller. LED lights indicate operation status. Designed for HAI's international markets using 220-240V~, 50Hz.

Attractive modern design.
Glossy, smooth white finish.
Red/green LED indicators inside push buttons.

2-Button, Wireless, White

● *113A00-4*

Two-button wireless switch interface. Controls dimmers, power switches, relays, or inputs into HAI controller. LED lights indicate operation status. Requires RF Transceiver (116A00-1). Designed for HAI's international markets using 220-240V~, 50Hz.

Wireless control of lighting and other HAI systems.
Glossy, smooth white finish.
Red/green LED indicators inside push buttons.

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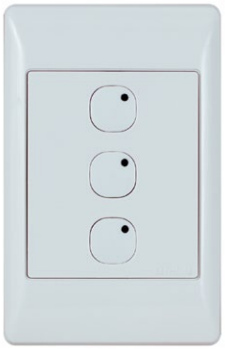
3-Button, Hardwired, White

● *113A00-5*



Three-button hardwired switch interface. Controls dimmers, power switches, relays, or inputs into HAI controller. LED lights indicate operation status. Designed for HAI's international markets using 220-240V~, 50Hz.

Attractive modern design.
Glossy, smooth white finish.
Red/green LED indicator inside push button.

3-Button, Hardwired, Brushed Stainless

● *113A00-6*

Three-button hardwired switch interface. Controls dimmer, power switch, relay, or inputs into HAI controller. LED lights indicate operation status. Designed for HAI's international markets using 220-240V~, 50Hz.

Attractive modern design.
Brushed stainless finish with illuminated buttons.
Red/green LED indicator inside push button.

3-Button, Wireless, White

● *113A00-7*

Three-button wireless switch interface. Controls dimmers, power switches, relays, or inputs into HAI controller. LED lights indicate operation status. Requires RF Transceiver (116A00-1). Designed for HAI's international markets using 220-240V~, 50Hz.

Wireless control of lighting and other HAI systems.
Glossy, smooth white finish.
Red/green LED indicators inside push buttons.

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6-Button, Hardwired, White

● *113A00-8*

Six-button hardwired switch interface. Controls dimmers, power switches, relays, or inputs into HAI controller. LED lights indicate operation status. Designed for HAI's international markets using 220-240V~, 50Hz.

Attractive modern design.
Glossy, smooth white finish.
Red/green LED indicators inside push buttons.

6-Button, Hardwired, Brushed Stainless

● *113A00-9*

Six-button hardwired switch interface. Controls dimmer, power switch, relay, or inputs into HAI controller. LED lights indicate operation status. Designed for HAI's international markets using 220-240V~, 50Hz.

Attractive modern design.
Brushed stainless finish with illuminated buttons.
Red/green LED indicator inside push button.

Keyfob Remote Control, 6-Channel

● *125A00-1*

Wireless RF transmitter built into a convenient keyfob. Up to six channels available. Controls dimmer, power switch, relay, or inputs into HAI controller. Requires RF Transceiver (116A00-1).Designed for HAI's international markets using 220-240V~, 50Hz.

Convenient keyfob package.
Program up to six system commands.
Adjust light dimming.

Keyfob Remote Control, 16-Channel

● *125A00-2*

Wireless RF transmitter built into a convenient keyfob. Up to 16 channels available. Controls dimmer, power switch, relay, or inputs into HAI controller. Requires RF Transceiver (116A00-1).Designed for HAI's international markets using 220-240V~, 50Hz.

Convenient keyfob package.
Program up to 16 system commands.
Adjust light dimming.

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