

Infinity

EnergyLink 2000, 2100 Communications Unit

The EnergyLink 2000 and EnergyLink 2100 provide the ultimate in reliability and flexibility for cabling the Andover Controls ARCNet network. The EnergyLink provides a simple means to amplify and extend the ARCNet, to combine bus and star topologies, and to mix coaxial cable and fiber optic cable on the same network.

The EnergyLink 2000 is a stand alone wall-mounted unit that supports up to 16 ports in four-port increments. The EnergyLink 2100 and 2101 are controller-mounted versions that support four ports each.

The EnergyLink simplifies network diagnostics by using LED indicators. LEDs at each EnergyLink port identify network traffic and assist in isolating network problems while other LEDs monitor proper EnergyLink operation. An additional LED identifies when network reconfiguration occurs.

Reliability is designed into the EnergyLink for worry-free operation. The EnergyLink uses low-power, low-heat CMOS components, plus a unique cooling system inherent in its design.

ENERGYLINK 2000

The EnergyLink 2000 is a wall-mount hub that accepts from one to four port expansion cards for optimum flexibility. Each card contains four ports — the 2001 has four coaxial ports, the 2003 has four fiber optic ports, and the 2002 is a combination card containing two coaxial and two duplex fiber optic ports. The EnergyLink 2000 can be filled with any mix of these cards, up to a maximum of 16 ports. Expansion cards can be easily added in the field.

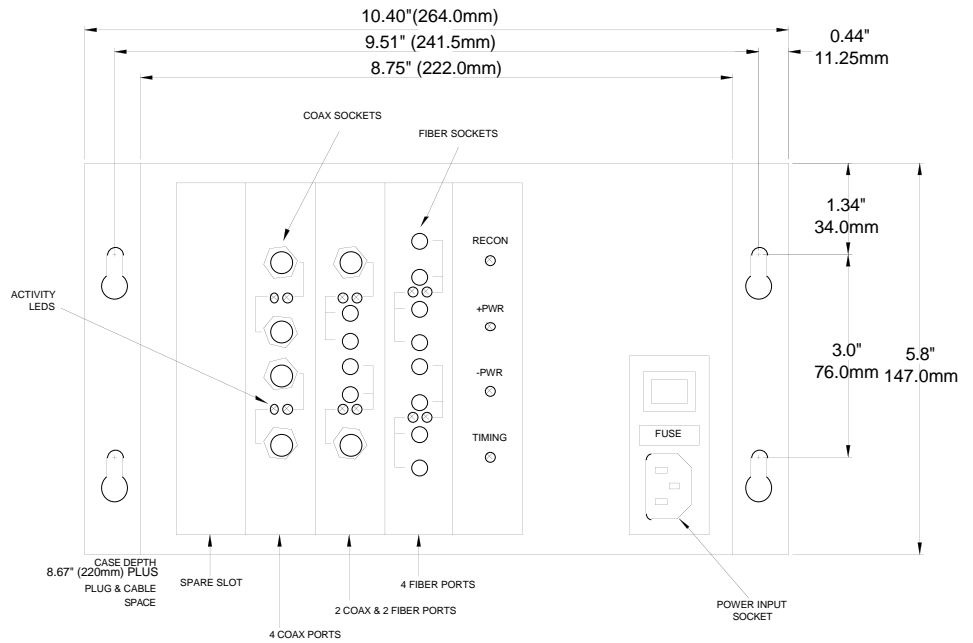


FEATURES

- Central Hub Extends ARCNet and Combines Bus and Star Topologies
- Plug-In Modules Provide Easy Field Expansion
- Mix Coax and Fiber Optic In One Hub for Optimum Cabling Flexibility
- LED Indicators Diagnose Network Problems and Identify When Network Reconfiguration Occurs
- Stand-Alone Wall-Mount Model Supports Up To 16 Ports In Four-Port Increments
- Controller-Mounted Four-Port Hub Model Available

ENERGYLINK 2100, 2101

The EnergyLink 2100 provides a smaller, complete four-port coaxial hub that mounts within a CX 9001 or CX 9500 controller, and is powered directly from the controller's power supply. The EnergyLink 2101 is a combination card containing 2 coaxial ports along with two duplex fiber optic ports. All EnergyLink models include diagnostic LEDs.



SPECIFICATIONS

ENERGYLINK 2000 (Wall Mounted)

ELECTRICAL

Power:	120/240 VAC, 50/60 Hz
Power Consumption:	60 VA Max.
Overload Protection:	1 amp slow blow fuse (120V). MOV protected 0.5 amp slow blow fuse (240V). MOV protected Fuse size 5 x 20 mm

MECHANICAL

Operating Environment:	32 to 140°F (0 to 60°C)
Storage Temperature:	-40 to 185°F (-40 to 85°C)
Size:	6"H x 8"W x 7 1/2"D (152H x 203W x 190D)mm
Weight:	10 lbs. (4.5kg)
Enclosure:	NEMA 1-style metal enclosure, IP 20

COMMUNICATIONS

Communication Interface:	ARCNet, 2.5 mB
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GENERAL

Diagnostic LEDs:	Timing, Reconfig., Port Activity, + Pwr, - Pwr
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Model	Description	Cable	Cable Connectors	Max. Cable Length
2001	4-port coaxial	RG-62/u	DB	1,428ft/435m
2003	4-port duplex glass fiber	62.5/125	ST	6,000ft/1,825m
2002	Combo. board 2-port coaxial and 2-port duplex glass fiber	Same specs as coaxial and glass fiber above.		

AGENCY LISTINGS	UL EDP LISTED, FCC
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SPECIFICATIONS (Cont'd)

ENERGYLINK 2100, 2101 (Controller Mounted)

ELECTRICAL

Power: Powered directly from the CX 9001 or CX 9500 controller.

MECHANICAL

Operating Environment: 32 to 120°F (0 to 49°C)

Storage Temperature: -40 to 185°F (-40 to 85°C)

Size: 8"H x 5 1/4"W x 1 1/2"D (203H x 133W x 38D)mm

Weight: 1 lbs. (.5kg)

COMMUNICATIONS

Communication Interface: ARCNet, 2.5 mB

GENERAL

Diagnostic LEDs: Timing, Reconfig., Port Activity

MODELS

Model	Description	Cable	Cable Connectors	Max. Cable Length
2100	4 coaxial ports	RG-62/u	DB	1,428ft/435m
2101	Combo. board			
	2 coaxial ports	RG-62/u	DB	1,428ft/435m
	2 duplex glass fiber ports	62.5/125	ST	6,000ft/1,825m

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Installation Guides* for exact installation
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