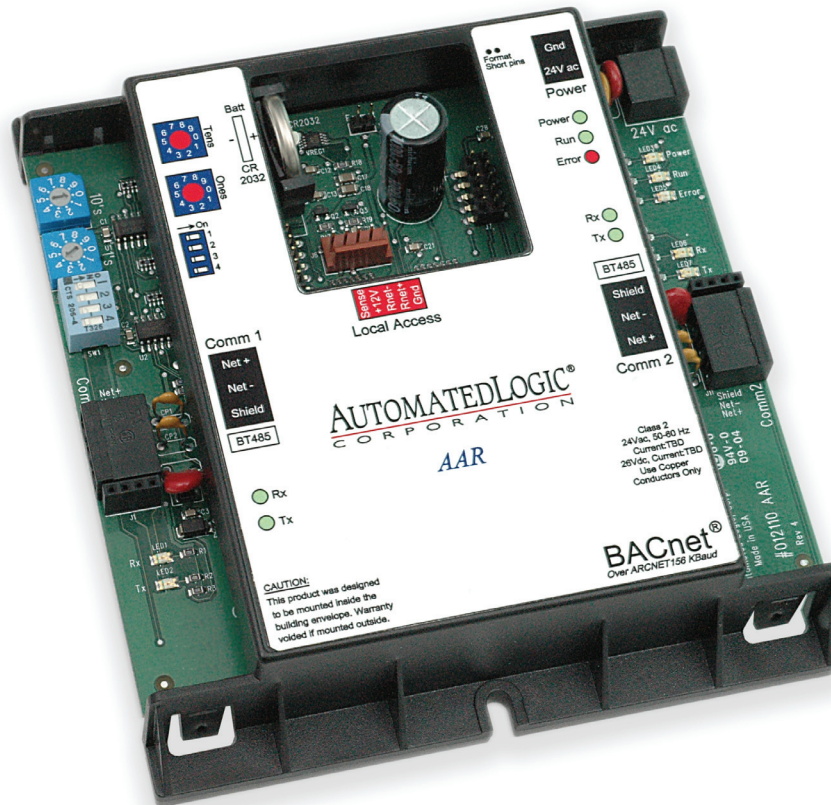


AAR

High Speed ARCNET to ARCNET Router



Part of Automated Logic's WebCTRL[®] system, the AAR is designed to expand or segment high speed ARCNET 156Kbps networks. AAR's can be installed on control networks using ME, SE and ZN controllers that use native BACnet[®] communications. Conveniently housed in a rugged and compact enclosure for panel mounting, the AAR is designed with two ARC156 communication ports.

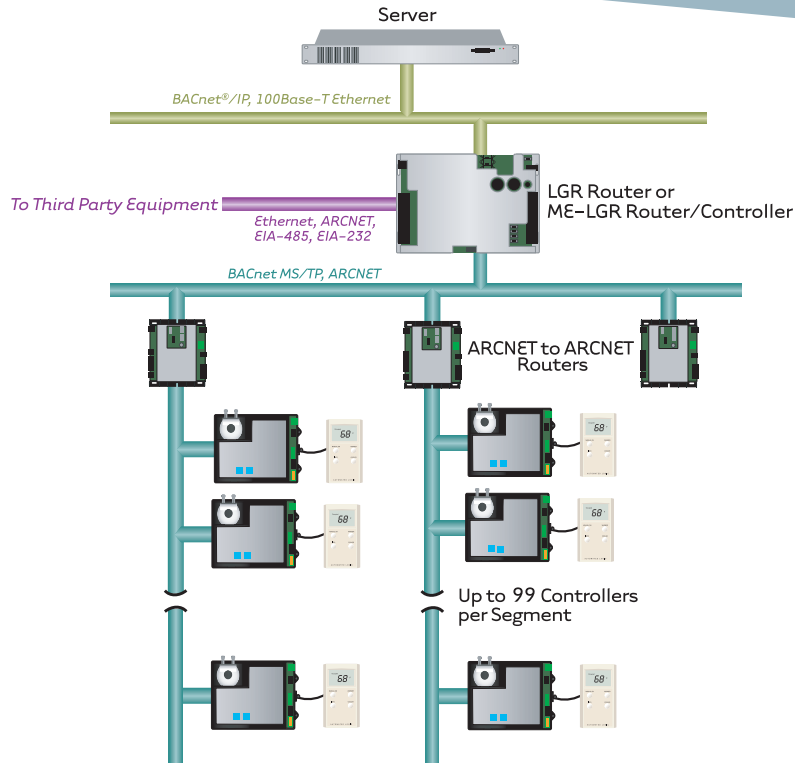
Key Features and Benefits


- Two isolated high speed ARC156 communication ports offering cost effective expansion of ARCNET control networks.
- Expands number of controllers that may be routed through an LGR, ME-LGR or ME Ethernet router/expandable controller.
- Allows segmentation of control networks for maintenance and redundant configurations.
- Rotary DIP switches for ease of setting network addresses.
- Built-in surge and transient protection for ARCNET control networks.
- Compact and rugged plastic enclosure for easy panel mounting.

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CORPORATION

AAR

Specifications



Communication:	Two following ports are available on the module: EIA-485 port for ARCNET 156 kbps. Local access port for system start-up and troubleshooting.	
Microprocessor:	High speed 16-bit microprocessor with two ARCNET communication co-processors.	
Memory:	512 KByte non-volatile battery-backed RAM, 1 MByte Flash memory, 16-bit memory bus. (Shelf life of the battery is 10 years with 10,000 hours of continuous operation.)	
Status Indicators:	LED status indicators for EIA-485 communication, running, error, power and all binary outputs.	
Listed by:	UL916 (Canadian Std C22.2 No. 205-M1983), CE, FCC Part 15 – Subpart B – Class A.	
Environmental Operating Range:	0°F to 130°F (-17.8°C to 54.4°C); 10-90% relative humidity, non-condensing. NOTE: Control modules must be installed within the building.	
Power Requirements:	24VAC ± 10%, 26VDC (25 V min, 30 V max), 50-60Hz, 20VA.	
Physical:	Rugged GE C2950 Cyclopy plastic.	
Surge Protection:	IEC1000-4-2, IEC1000-4-3, IEC1000-4-4, IEC1000-4-5 and CISPR22.	
Dimensions :	<u>Overall</u>	<u>Mounting</u>
 <p>Mounting hole spacing 5-9/16".</p>	Width: 5-1/16" (129mm)	Two mounting holes center line as at left with 5-5/16" (135mm) spacing (height).
	Height: 5-11/16" (144mm)	
	Depth: 1-1/2" (38mm) min. panel depth	