CONTACT US!
1-800-249-1612
rtautomation.com

DeviceNet to Allen-Bradley PLC

FEATURES

- Supports connection to five Allen-Bradley PLCs

- Up to 150 tag or file arrays of data can be mapped in each direction

- Fully configurable DeviceNet slave device

- Map data up to 240 bytes Of DeviceNet data in up to 15 data group in each direction

- Effortless Browser Based Configuration, no programming software is required

- Simple data translation allows you to manipulate data as it passes between protocols

- 5-Year Hardware Warranty

Connect Allen-Bradley PLCs to DeviceNet

The 460ETCDS moves data between a DeviceNet master and one to five Allen-Bradley PLCs.
With the 460ETCDS, you are making a direct connection between DeviceNet data and user-defined tags or registers in the data table of your Allen-Bradley PLC. There is no polling from the PLC or EtherNet/IP scan lists to arrange.

How Do I Use the 460ETCDS-N34 in My Application?

You allocate two blocks in your Allen-Bradley PLC. One area is write only tags or register blocks accepting data from DeviceNet. The other area is read only tags or register blocks to send data to your DeviceNet slaves.
It's really that simple.

Why Use Real Time Automation as a Gateway Supplier?

While there are certainly other companies offering protocol gateways, there is no one who provides the level of support and service that you receive from RTA.

When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.
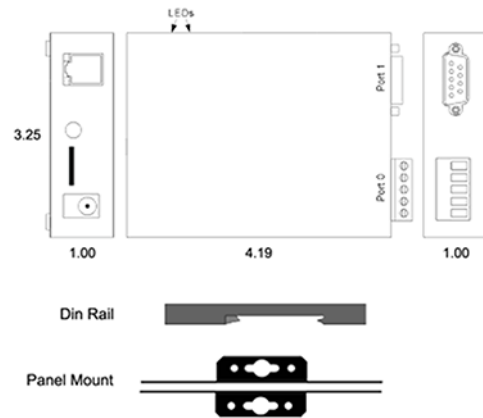

| Allen-Bradley | 460ETCDS-N34 | DeviceNet |
| PLCs | | Master |

A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second to none. If you get all that and a fun customer experience all the better. Thirty years later, our mission remains the same: **To move your data where you need it, when you need it, and how you need it.**

ETHERNET TAG CLIENT FEATURES

PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLCs and PLC5Es
Maximum Number of PLCs Supported	5
Maximum Number of Input/Output Tags or Files per PLC	150
Maximum Number of Bytes per PLC Tag	400
Array Support	Yes, for all data types except strings
Supported Data Types	Usint, Sint, Uint, Int, Udint, Dint, Real, String, Bit Array 16, Bit Array 32, Bool, and Long

DEVICENET SLAVE FEATURES

Operation Mode	Group 2 DeviceNet Slave
Supported Data Types	Int8, int16, int32, int64, uint8, uint16, uint32, uint64, float, double, binary8, binary16, binary32, Short String
Maximum Connections	1
Maximum Input Size	240 Bytes in up to 15 Data Groups
Maximum Output Size	240 Bytes in up to 15 Data Groups
Maximum IO Scan Rate	50 msec

INCLUDED WITH GATEWAY

3' power cable with flying leads	5-year hardware warranty
IPSetup software – automatically locates RTA gateway on the network	Unlimited firmware feature upgrades for life
CAT5 crossover cable for direct connection to PC during programming	Complete, unlimited access to our industry leading support staff
Manual	

ELECTRICAL / ENVIRONMENTAL

DC Input Voltage	8 VDC @ 230mA to 28 VDC @ 80 mA
Maximum Baud Rate	500K Baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals, Class I Div 2

ENCLOSURE / HARDWARE

Size	4.2" x 3.25" x 1"
Weight	7 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Ethernet link/data LED, Ethernet speed LED, power LED, & 2 general purpose LEDs on side

GATEWAY FEATURES & FUNCTIONS

Alarming	Set <, <=, >, >=, ==, !=, and change-of-state rules on any data moving through the gateway. If alarm rule is triggered an email notification can be sent.
Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
Translation Table	Allows for data manipulation during protocol translation. Scaling and other data format changes can occur in the gateway.
Status and Counters	Protocol specific status, counters, and error messages are accessible within the gateway's diagnostics page. They can also be delivered to a connected device.
Diagnostic Logging Page	Allows users to see and log start up sequences, protocol specific messages & error messages.

LEDs

3.25 — Port 1 — Port 0 — 1.00 — 4.19 — 1.00

Din Rail

Panel Mount

NOT EXACTLY WHAT YOU WERE LOOKING FOR?
Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460ETCDS-N34	Connects up to five Allen-Bradley PLCs with a DeviceNet master

ALWAYS IN STOCK   **READY TO SHIP**   **ENGINERD SUPPORT**   **5-YEAR WARRANTY**   **EMPLOYEE OWNED**