Connect ASCII Devices to a DF1 PLC

FEATURES

- Parse ASCII data in up to 50 segments by delimiter or offset

- Concatenate up to 50 data segments into a string

- Support for PLC5, SLC and MicroLogix PLCs

- Connect up to 32 DF1 Serial Devices

- Effortless Browser Based Configuration, no programming software is required

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

- Guaranteed Stock

- 5-Year Hardware Warranty

Connect Serial Barcode Scanners, Printers and Scales to DF1 Based Allen-Bradley PLCs

Connect any ASCII based serial device to you legacy PLCs like the PLC5, SLC, or MicroLogix.

It's the perfect tool to keep those old legacy PLCs and ASCII serial devices from the scrap pile by extending their useful life.

How do I use 460ADFM-NNA4 in my application?

Incoming and outgoing ASCII data in is parsed into data segments and given a data type. Those values are them mapped to mating file locations in the DF1 devices like N7: 200 or F9:1.

It really is 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.

Try the RTA difference today! Call us at 800-249-1612 or check out our solutions at www.rtautomation.com.

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.**

ASCII FEATURES

Operation Mode	Bidirectional ASCII Transmit and Receive
Maximum Number of Devices Supported	2
Concatenation	Concatenate up to 50 segments data in a delimeted ASCII sting
Maximum Number of ASCII Characters Transferred	1024 in each direction
Delimiter Processing	Incoming delimiters can be automatically removed; Outgoing delimiters automatically added if configured
Parsing	Parse string of ASCII data in up to 50 segments by delimiter or offset

DF1 Master FEATURES

Operation Mode	DF1 Master Full Duplex and DF1 Master Half Duplex
PLCs Supported	MicroLogix 1000, SLC 5/03 5/04 5/05, most PLC5s
Maximum number of Devices supported	1 in Full Duplex Mode, 32 in Half Duplex
Data Type Supported	100 Integers or 100 Binaries, or 50 floats, 82 character string per Scan line
Scan Lines	100 input / 100 output
Physical Connections	RS485 and RS232

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

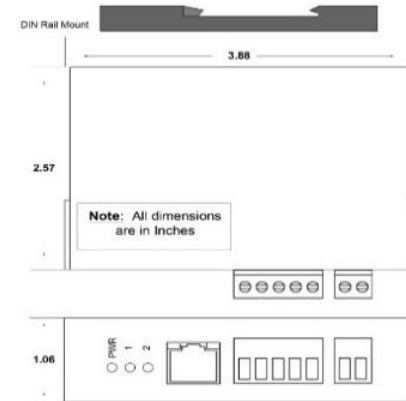|	
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals

ENCLOSURE / HARDWARE

Size	3.88″ x 2.57″ x 1.06″
Weight	5.5 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	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 gateways 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.

DIMENSIONS

DIN Rail Mount
3.88
2.57
Note: All dimensions are in Inches
1.06
PWR 1 2

NOT EXACTLY WHAT YOU WERE LOOKING FOR?

Real Time Automation offers a full line of gateway products. If this is not the one you were looking for, give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer custom gateways to help customers dealing with unique needs or proprietary protocols.

CATALOG #	DESCRIPTION
460ADFM-NNA4	Connects a single ASCII device with as many as 32 DF1 Slaves

Allen-Bradley, ControlLogix, CompactLogix, PLC-5 are registered trademarks of Rockwell Automation, Inc.

Made in the
u.s.a.

Always In
stock

Ready to
Ship

Expert
Support

FIVE YEAR 5 WARRANTY