AB Rockwell PLC5 and SLC with AB 1761 Connector

PLC Allen-Bradley MicroLogix 1761 - NET-ENI

- Name: **ABENI**
- Version 1.0.0.2
- Protocol: ABENI
- Interface: TCP/IP
- Runtime: .NET 2.0 (Multiplatform)
- Configuration:
    - Devices / Protocols

Module Configuration
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Module Configuration

This document has only information about the device connection settings and its address syntax.

For further Information, see:

- Devices Module
- Devices Module Reference

Channels Configuration

Protocol Options

This configuration is not supported for this Driver.

Nodes Configuration

Primary Station

Station syntax: <IP > ; <Port >

Where:

<IP> = IP address of the slave device in the AB network

<Port> = TCP port where the slave device is listening (default is 44818)

E.g.: 192.168.1.1 ; 44818

Points Configuration

Address

The syntax for the AB ENI communication points are:

- **<FileType><FileNumber>:<ElementNumber><Parameter>**

Where ***<FileType>*** indicates the memory area, the valid values are:

- **N**, for Integer
- **B**, for digital
- **F,** for real
- **S,** for Status

AB ENI Address Types

Type	Read	Write	Data Type	Address size
N	**Yes**	**Yes**	Word	2 bytes
B	**Yes**	**Yes**	Word	2 bytes
F	**Yes**	**Yes**	Single	4 bytes
S	**Yes**	**Yes**	Word	2 bytes

<FileNumber> indicates the data address for the chosen file

<ElementNumber> indicates the address from the specific file which will read and/or write from PLC.

<Parameter> indicates the parameter that composes the ElementNumber.

E.g.:

- ***F8:0***
- ***N7:1***
- ***B3:10/1***

Driver Revision History

AB ENI Revision History	
Version	**Notes**
1.0.0.2	Fixed the connector failing to start at runtime with a driver-class load error.
1.0.0.1	Initial release on new documentation standards

In this section...
