

# BRX Pluggable Option Modules (POM)

## BX-P-ECOMEX

The Ethernet EX POM provides a general-purpose Ethernet interface that can be connected to devices using a wide range of protocols.



**NOTE:** This POM device must be used with a DM1E CPU and reside on a different subnet than the built-in Ethernet port.

BX-P-ECOMEX Specifications			
<b>Description</b>	Standard transformer isolated Ethernet port with built-in surge protection.		
<b>Transfer Rate</b>	10/100 Mbps		
<b>Port Status LED</b>	LINK LED is solid when network is established. ACT LED flashes when port is active.		
<b>Supported Protocols</b>	SMTP( Email) FTP (Client) Do-more! Ethernet I/O MQTT / MQTTS HTTP / HTTPS EtherNet/IP: Explicit (Client, Server) Implicit (Server) SNTP (Time Server) TCP/IP (Raw Packet) Modbus TCP/IP (Client & Server) DHCP		
<b>Cable Recommendation</b>	C5E-STxxx-xx from AutomationDirect.com		
<b>Port Type</b>	RJ45, Category 5, Auto Crossover		
<b>Ethernet Port Numbers:</b>			
	Peerlink	28784	UDP
	Do-more! Protocol (Client, Server)	28784	UDP
	Modbus TCP (Client, Server)	502	TCP
	HOST Ethernet Protocol (Client, Server)	28784	UDP
	EtherNet/IP: Explicit (Client, Server)	44818	TCP
	Implicit Adapter (Server)	2222	TCP
	SMTP (Email)	25	TCP
	Ethernet Remote I/O	28784	UDP
	HTTP, HTTPS	80, 443	TCP
	MQTT, MQTTS	1883, 8883	TCP
	SNTP (Time Server)	123	TCP
	TCP Raw Packet	User defined	TCP
	UDP Raw Packet	User defined	UDP
	FTP (Client)	20, 21	TCP
<b>Hot Swappable</b>	Yes		
<b>Software Version Required</b>	Do-more! Designer version 2.8 or later		

Pin #	Signal
1	TXD+ Transmit Data
2	TXD- Transmit Data
3	RXD+ Receive Data
4	N/C
5	N/C
6	RXD- Receive Data
7	N/C
8	N/C

