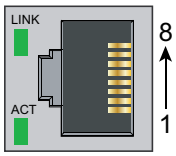
BRX Pluggable Option Modules (POM)

BX-P-ECOMEX $;04t?z:

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			
Description	Standard transformer isolated Ethernet port with built-in surge protection.		
Transfer Rate	10/100 Mbps		
Port Status LED	LINK LED is solid when network is established. ACT LED flashes when port is active.		
Supported Protocols	SMTP(Email) FTP (Client) Do-more! Ethernet I/O MQTT / MQTTS HTTP / HTTPS EtherNet/IP: Explicit Messaging (Scanner, Adapter) Implicit Messaging (Scanner, Adapter) SNTP (Time Server) TCP/IP (Raw Packet) Modbus TCP/IP (Client & Server) DHCP		
Cable Recommendation	C5E-STxxx-xx from AutomationDirect.com		
Port Type	RJ45, Category 5, Auto Crossover		
Ethernet Port Numbers:	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 Messaging (Scanner, Adapter)	44818	TCP
	Implicit Messaging (Scanner, Adapter)	44818	TCP
	SMTP (Email)	25	TCP
	Ethernet Remote I/O	28784	UDP
	HTTP, HTTPS	80, 443	TCP
	Embedded Web Server: HTTP (Unsecure)	80	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
Hot Swappable	Yes		
Software Version Required	Do-more! Designer version 2.8 or later (version 2.10 or later required for EtherNet/IP Implicit Messaging)		

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