

BRX Pluggable Option Modules (POM)

BX-P-ECOMEX \$119.00

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:	<table border="1"> <tbody> <tr><td>Peerlink</td><td>28784</td><td>UDP</td></tr> <tr><td>Do-more! Protocol (Client, Server)</td><td>28784</td><td>UDP</td></tr> <tr><td>Modbus TCP (Client, Server)</td><td>502</td><td>TCP</td></tr> <tr><td>HOST Ethernet Protocol (Client, Server)</td><td>28784</td><td>UDP</td></tr> <tr><td>EtherNet/IP: Explicit Messaging (Scanner, Adapter)</td><td>44818</td><td>TCP</td></tr> <tr><td>Implicit Messaging (Scanner, Adapter)</td><td>44818</td><td>TCP</td></tr> <tr><td>SMTP (Email)</td><td>25</td><td>TCP</td></tr> <tr><td>Ethernet Remote I/O</td><td>28784</td><td>UDP</td></tr> <tr><td>HTTP, HTTPS</td><td>80, 443</td><td>TCP</td></tr> <tr><td>MQTT, MQTTS</td><td>1883, 8883</td><td>TCP</td></tr> <tr><td>SNTP (Time Server)</td><td>123</td><td>TCP</td></tr> <tr><td>TCP Raw Packet</td><td>User defined</td><td>TCP</td></tr> <tr><td>UDP Raw Packet</td><td>User defined</td><td>UDP</td></tr> <tr><td>FTP (Client)</td><td>20, 21</td><td>TCP</td></tr> </tbody> </table>	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	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
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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

