

# Communication Expansion Module

## EA-ECOM Ethernet Communication Module

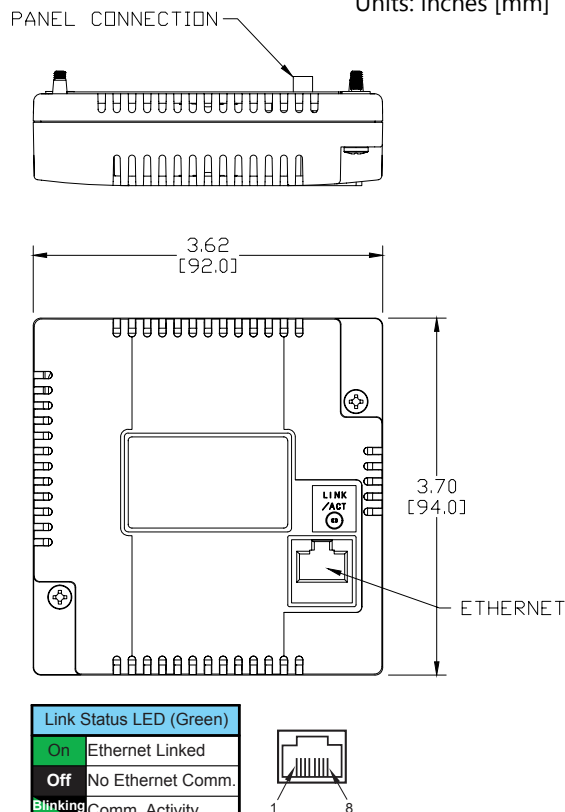
The EA-ECOM communication module is compatible with EA3 series **C-more** Micro 6-inch, 8-inch and 10-inch panels and most **C-more** panels. It adds an Ethernet (RJ45) port for programming and PLC communications at 10/100 Mbps. **C-more** Micro Software and firmware version 4.0 or later is required. **C-more** Software and firmware version 6.50 or later is required.

Part No. **EA-ECOM** \$105.00



## Dimensions

Units: inches [mm]



### Ethernet Communication Interface Specifications

<b>Standard Specification</b>	Conforms to IEEE802.3
<b>Communication Speed</b>	10/100 Base-T (Automatic Negotiation)
<b>Cable Specification</b>	Category 5
<b>Auto MDI / MDI-X</b>	Yes
<b>Connector Type</b>	RJ45

### Communication Drivers

C-more	C-more Micro
Supports all C-more Ethernet drivers	AutomationDirect Productivity Series Ethernet
	AutomationDirect Do-more / BRX Ethernet
	AutomationDirect CLICK Ethernet
	AutomationDirect ECOM Ethernet
	Modbus TCP/IP
	Allen-Bradley EtherNet/IP (Client) SLC5/05
	Allen-Bradley EtherNet/IP (Client) ENI Adapter
	Allen-Bradley EtherNet/IP (Client) MicroLogix 1100/1400
	Allen-Bradley EtherNet/IP (Client) control/CompactLogix (SLC Mapping only)

### EA-ECOM Specifications

Part Number	EA-ECOM
<b>Operating Temperature</b>	0 to 50 °C (32 to 122 °F) Maximum surrounding air temperature rating: 50 °C
<b>Storage Temperature</b>	-20 to +60 °C (-4 to +140 °F)
<b>Humidity</b>	5-95% RH (non-condensing)
<b>Environmental Air</b>	For use in pollution degree 2 environment
<b>Vibration</b>	IEC60068-2-6 (Test Fc), 5-9 Hz: 3.5 mm amplitude, 9-150 Hz: 1.0G, sweeping, at a rate of 1 octave/min. (±10%), 10 sweep cycles per axis on each of 3 mutually perpendicular axes
<b>Shock</b>	IEC60068-2-27 (Test Ea), 15 G peak, 11ms duration, three shocks in each direction per axis, on 3 mutually perpendicular axes (total of 18 shocks)
<b>Noise Immunity</b>	NEMA ICS3-304 RFI, (145 MHz, 440 MHz 10 W @ 10 cm) Impulse 1000 V @ 1 µs pulse
<b>Emission</b>	EN55011 Class A (Radiated RF emission)
<b>Enclosure (panel door installation)</b>	NEMA 250 type 4/4X indoor use only UL50 type 4X indoor use only IP-65 indoor use only (When mounted correctly)
<b>Agency Approvals</b>	CE (EN61131-2), UL508, CUL Canadian C22.2 To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page
<b>Mounting Torque</b>	50 oz-in [0.35 N-m]
<b>Weight</b>	0.23 lb [105g]

# C-more Micro EA3 Panel Accessories

## D-SUB 15-pin 90-degree Communication Port Adapter

The **EA-ADPTR-4** adapter plugs into the 15-pin serial port on the rear of **C-more** Micro EA3 Series 3-inch\*, 4-inch and 6-inch panels to allow a controller communication cable to be plugged in at a 90 degree angle to reduce panel depth requirements. 15-pin straight through pin-out. UL Recognized.

\* EA3-S3ML-RN and EA3-S3ML-R are not equipped with a 15-pin serial port.

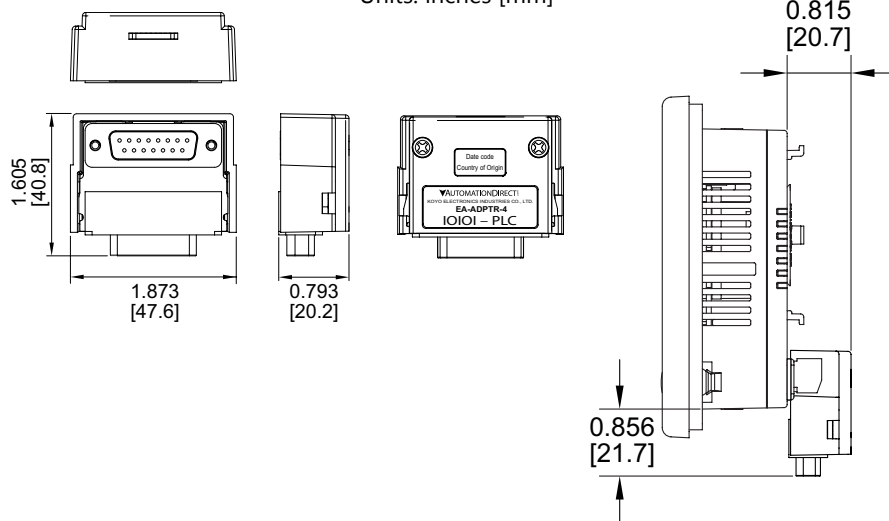
Part No.  
**EA-ADPTR-4**



**\$56.00**

### Dimensions

Units: inches [mm]



## D-SUB 15-pin to Terminal Block Adapter

The **EA-COMCON-3** adapter plugs into the 15-pin serial port on the rear of **C-more** Micro EA3 Series 3-inch\*, 4-inch and 6-inch panels to allow wire terminal connections for an RS-422/RS-485/DH485 PLC communication cable. UL Recognized.

\* EA3-S3ML-RN and EA3-S3ML-R are not equipped with a 15-pin serial port.

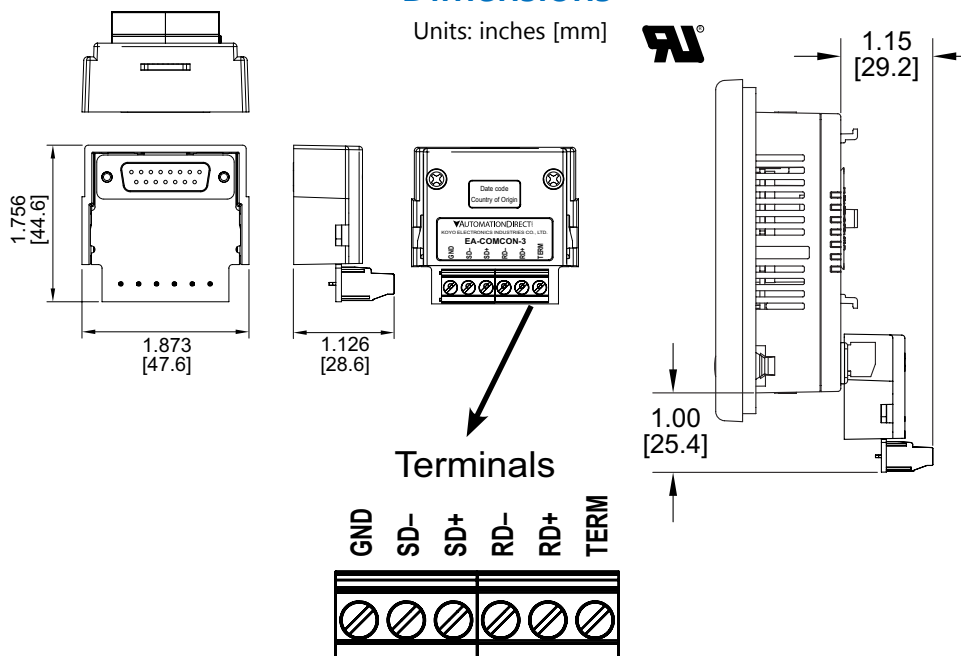
Part No.  
**EA-COMCON-3**



**\$59.50**

### Dimensions

Units: inches [mm]



# C-more Micro EA3 Panel Accessories

## D-SUB 15-pin to Terminal Block Adapter

The [EA-COMCON-3A](#) adapter plugs into the 15-pin serial port on the rear of **C-more** Micro EA3 Series 8-inch and 10-inch panels to allow wire terminal connections for an RS-422/RS-485/DH485 PLC communication cable.

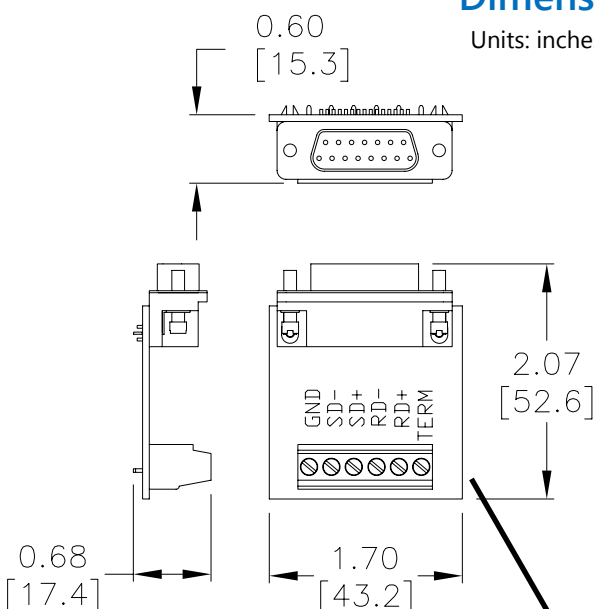
**Part No.**  
**[EA-COMCON-3A](#)**



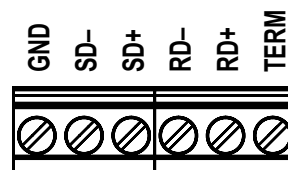
**\$30.50**

### Dimensions

Units: inches [mm]



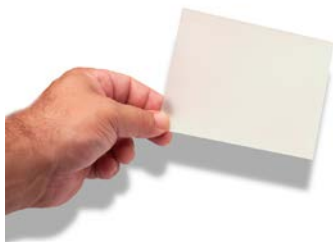
### Terminals



# C-more Micro EA3 Panel Accessories

## Clear Screen Overlay

Optional clear screen overlay used to protect **C-more** Micro displays from minor scratches and wear. EA-MG-COV-CL contains 5 clear screen overlays. All other packages contain 3 clear screen overlays.



Part No. EA-MG-COV-CL  
\$51.00

Part No. EA-4-COV3  
\$49.00

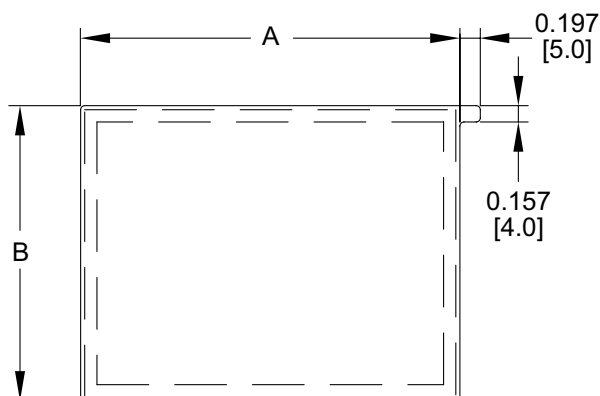
Part No. EA-6-COV2  
\$53.50

Part No. EA-8-COV2  
\$57.00

Part No. EA-10-COV2  
\$63.50

## Dimensions

Units: inches [mm]



Part Number	Dimensions - inch [mm]	
	A	B
<u>EA-MG-COV-CL</u>	3.13 [79.4]	1.75 [44.4]
<u>EA-4-COV3</u>	4.15 [105.5]	2.52 [64.0]
<u>EA-6-COV2</u>	4.91 [124.8]	3.80 [96.4]
<u>EA-8-COV2</u>	7.32 [185.8]	5.44 [138.2]
<u>EA-10-COV2</u>	8.91 [226.2]	6.61 [168.0]