

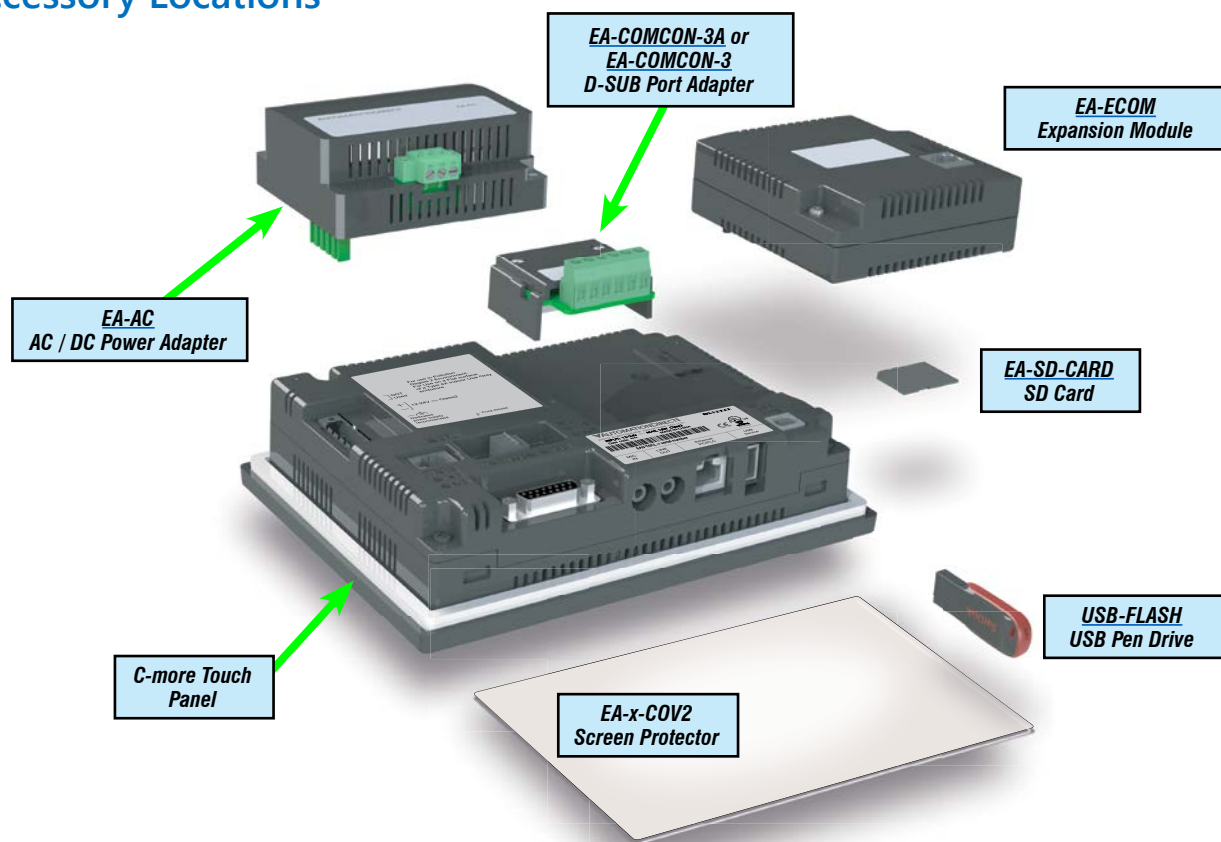
# C-more Accessories

## Accessories

**C-more** touch panels can be enhanced with the accessories below:

Part Number	Description	Price
<a href="#"><u>EA-AC</u></a>	<b>C-more</b> AC/DC power adapter, 24 VDC, 1.5A. For use with <b>C-more</b> EA7 and EA9 series touch panels.	\$118.00
<a href="#"><u>EA-6-COV2</u></a>	<b>C-more</b> screen protector, non-glare, 6in. Package of 3. For use with <b>C-more</b> and <b>C-more</b> Micro 6in HMIs.	\$49.50
<a href="#"><u>EA-7-COV2</u></a>	<b>C-more</b> screen protector, non-glare, 7in. Package of 3. For use with <b>C-more</b> 7in HMIs.	\$51.00
<a href="#"><u>EA-8-COV2</u></a>	<b>C-more</b> screen protector, non-glare, 8in. Package of 3. For use with <b>C-more</b> and <b>C-more</b> Micro 8in HMIs.	\$53.00
<a href="#"><u>EA-10-COV2</u></a>	<b>C-more</b> Micro screen protector, non-glare, 10in. Package of 3. For use with <b>C-more</b> EA9-T10CL and <b>C-more</b> Micro EA3-T10CL HMIs.	\$59.00
<a href="#"><u>EA-10W-COV2</u></a>	<b>C-more</b> screen protector, non-glare, 10in. Package of 3. For use with <b>C-more</b> EA9-T10WCL widescreen HMI.	\$59.00
<a href="#"><u>EA-12-COV2</u></a>	<b>C-more</b> screen protector, non-glare, 12in. Package of 3. For use with <b>C-more</b> 12in HMIs.	\$61.00
<a href="#"><u>EA-15-COV2</u></a>	<b>C-more</b> screen protector, non-glare, 15in. Package of 3. For use with <b>C-more</b> 15in HMIs.	\$72.00
<a href="#"><u>EA-ECOM</u></a>	<b>C-more</b> communication expansion module, (1) RJ45 10/100 Mbps Ethernet port. For use with <b>C-more</b> Micro EA3 series 6in, 8in and 10in panels and all <b>C-more</b> HMIs except CM5 series and -R models.	\$86.00
<a href="#"><u>EA-COMCON-3</u></a>	<b>C-more</b> DSUB port adapter, 15-pin male to 6-pole RS-422/485 terminal block, right angle cable entry. For use with <b>C-more</b> Micro EA1 series 4in and 6in HMIs, <b>C-more</b> Micro EA3 series 3in, 4in, and 6in HMIs, <b>C-more</b> EA9 6in and 7in HMIs and <b>C-more</b> CM5 series 4in HMI.	\$55.00
<a href="#"><u>EA-COMCON-3A</u></a>	<b>C-more</b> Micro DSUB port adapter, 15-pin male to 6-pole RS-422/485 terminal block, straight cable entry. For use with <b>C-more</b> Micro EA1 3in with EA1-MG-SP1, EA3 8in and 10in HMIs, <b>C-more</b> EA9 8in, 10in, 12in and 15in and CM5 7in, 10in, 12in, 15in and 22in HMIs.	\$30.50
<a href="#"><u>EA-SD-CARD</u></a>	<b>C-more</b> industrial memory card, 2 GB SD. For use with all products with SD memory card slot.	\$130.00
<a href="#"><u>USB-FLASH</u></a>	SanDisk USB Flash drive, 32 GB.	\$30.50

## Accessory Locations



# C-more Accessories

## AC/DC Power Adapter

The optional **C-more** AC/DC Power Adapter can be used to power the **C-more** touch panels from a 100-240 VAC, 50/60 Hertz, voltage source. The adapter provides 24VDC @ 1.5 A to the touch panel's DC power connector and can be conveniently secured to the touch panel with two captive screws. The adapter provides a power loss signal to the

touch panel that causes the touch panel to stop writing data to SD memory devices providing a controlled shutdown for increased data logging reliability. EA-AC is not compatible with EA9-RHMI.

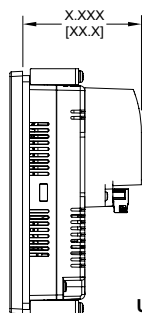
Part No. **EA-AC** \$118.00

## Dimensions

Units: inches [mm]

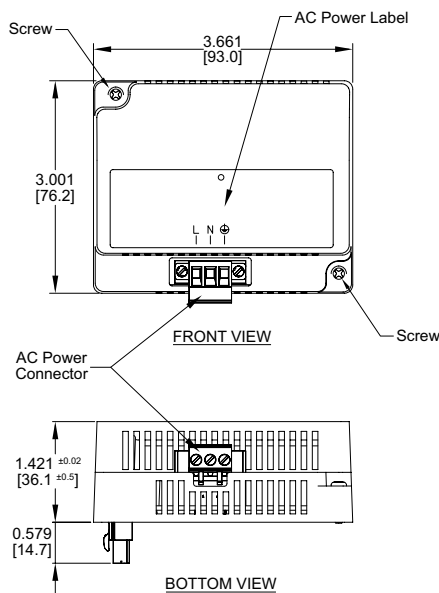


## Overall Panel Depth w/ EA-AC Installed



EA9-T6CL-R = 2.99 [75.9]  
EA9-T6CL = 2.99 [75.9]  
EA9-T7CL-R = 2.99 [75.9]  
EA9-T7CL = 2.99 [75.9]  
EA9-T8CL = 3.51 [89.2]  
EA9-T10CL = 3.51 [89.2]  
EA9-T10WCL = 3.51 [89.2]  
EA9-T12CL = 3.35 [85.1]  
EA9-T15CL-R = 3.35 [85.1]  
EA9-T15CL = 3.35 [85.1]

Units: inches[mm]



AC/DC Power Adapter Specifications			
<b>Part Number</b>	EA-AC	<b>Short Circuit Protection</b>	85VAC: 2.6 A, 100VAC: 2.8 A, 264VAC: 3.9 A
<b>Input Voltage &amp; Frequency</b>	100-240 VAC +10% -15%; 50/60 Hertz	<b>Static Electricity Discharge Resistance</b>	Compliant with IEC61000-4-2, Contact: 4 kV, Air: 8 kV
<b>Wire</b>	24-14 AWG, 60 / 75°C Copper. Tighten to 72 oz-in (0.5 Nm)	<b>Agency Approvals</b>	UL508 - UL Recognized for use with <b>C-more</b> panels, cUL, CE, EMC EN61132-2
<b>Permissible Momentary Power Failure</b>	Within 40ms	<b>Environment</b>	For use in pollution degree 2 environment
<b>Input Power</b>	68VA or less	<b>Grounding</b>	Ground resistance: less than 100 ohm
<b>Operating Temperature Range</b>	0°C to 50°C [32 to 122°F] Maximum surrounding temperature rating, 50°C	<b>Dimensions - inches [mm]</b>	3.00" (H) x 3.66" (W) x 1.42" (D) [76.2 mm x 93.0 mm x 36.1 mm] (Excluding DC Power Connector.)
<b>Storage Temperature Range</b>	-20 to 60°C [-4 to 140°F]	<b>Weight</b>	6.13 oz. [175 g]
<b>Operating &amp; Storage Humidity</b>	10-85% RH (non-condensing)	<b>Cooling Method</b>	Natural convection
<b>Noise Immunity</b>	1000VAC p-p (Pulse width 1 μs, rise time: 1 ns), with proper ground connection on AC terminal block.	<b>Removable AC Power Connector (included)</b>	EA-AC-CON or DECA Switchlab MC101-508-03G Secured with (2) captive M2.5 screws, torque to 70 oz-in [0.5 Nm]
<b>Hi-Pot</b>	1000VAC, 1 minute, with proper ground connection on AC terminal block.	<b>Output Voltage and Ripple</b>	21.6 - 26.4 VDC, Ripple < 100 mV p-p
<b>Insulation Resistance</b>	500VDC, 10 M ohm or above, with proper ground connection on AC terminal block.	<b>Output Current</b>	Maximum 1.5 A
<b>Vibration</b>	Compliant with IEC61131-2	<b>Inrush Current</b>	For 100VAC: 15A, 3ms or less For 240VAC: 20A, 3ms or less
<b>Shock</b>	Pulse shape: Sine half wave, Peak acceleration: 147 m/s <sup>2</sup> (15 G), X, Y, Z: 3 directions, 2 times each	<b>Mounting to Touch Panel</b>	Secure with (2) spring loaded captive M3-20 screws, torque to 50 oz-in [0.35 Nm]
<b>Thermal Protection</b>	140°C [284°F], with autorecovery	<b>Recommended External Fuse</b>	3.0A (ADC p/n: MDL3)

# C-more Accessories

## SD Card

### EA-SD-CARD



**\$130.00**

SD memory card for non-volatile storage, 2GB industrial grade, 70° C maximum operating temperature makes it suitable for data logging in industrial applications. Recommended for **C-more** EA9 series. The EA-SD-CARD utilizes SLC technology so it is the fastest option for writing and storing data. If logged data is saved to external memory, AutomationDirect recommends using an EA-SD-CARD. EA-SD-CARD may be used with all products with an SD card slot.

SLC Flash memory utilized by EA-SD-CARD has the advantage of being the most accurate flash memory type when reading and writing data. SLC Flash has the longest lifespan of flash types and can operate in a broader temperature range than other types.

EA-SD-CARD with SLC Flash memory is recommended for industrial workloads that require heavy read / write cycles.

EA-SD-CARD Specifications	
<b>Operating Temperature</b>	0 to 70°C (32 to 158°F)
<b>Humidity</b>	20 to 85% (non-condensing)
<b>Capacity</b>	2GB
<b>Speed Modes</b>	High-Speed Normal-Speed
<b>Interface</b>	SD Memory Card Specification Ver. 3.0
<b>Speed Class</b>	Class 6

## USB Flash Drive

### USB-FLASH



**\$30.50**

USB flash drive for non-volatile storage, 32GB. Recommended for the **C-more** EA9 series touch panels.

# C-more Accessories

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

The EA-COMCON-3 adapter plugs into the 15-pin serial port on the rear of a panel to allow wire terminal connections for an RS-422/RS-485 communication cable. Compatible with all **C-more** EA7 series panels, EA9-T6CL(-R) and EA9-T7CL(-R) panels, CM5-T4W and **C-more** Micro 4" and 6" panels. EA-COMCON-3 is UL Recognized

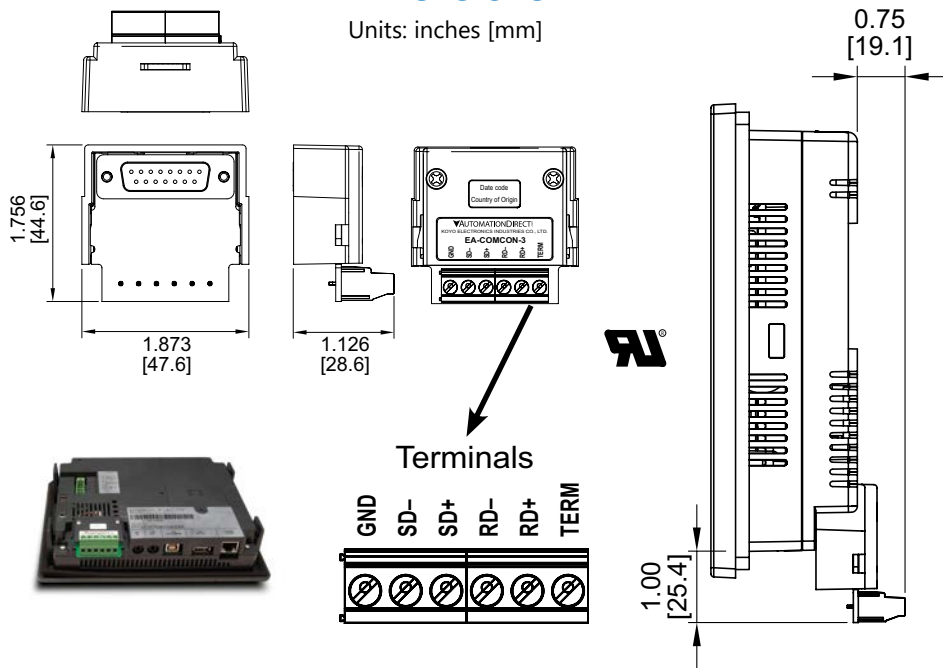
### Part No. EA-COMCON-3



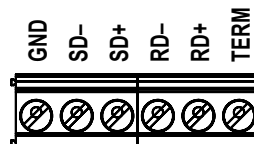
\$55.00

### Dimensions

Units: inches [mm]



### Terminals



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

The EA-COMCON-3A adapter plugs into the 15-pin serial port on the rear of a panel to allow wire terminal connections for an RS-422/RS-485 communication cable. Compatible with **C-more** EA9 series panels, EA9-RHMI, CM5-T7W, CM5-T10W, CM5-T12W, CM5-T15W, CM5-T22W, **C-more** Micro EA3-T8CL and EA3-T10CL panels and EA1-S3x with EA1-MG-SP1. Not compatible with EA9-T6CL(-R) and EA9-T7CL(-R) panels. The EA-COMCON-3A is not UL recognized or listed.

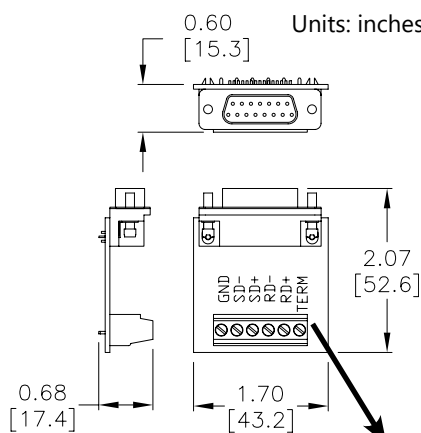
### Part No. EA-COMCON-3A



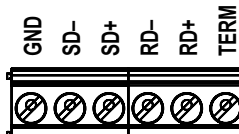
\$30.50

### Dimensions

Units: inches [mm]



### Terminals



EA-COMCON-3(A) Wiring Specs	
Wire Size	Screw Torque
14-24 AWG	4.4 lb-in [0.5 Nm]

# C-more Accessories

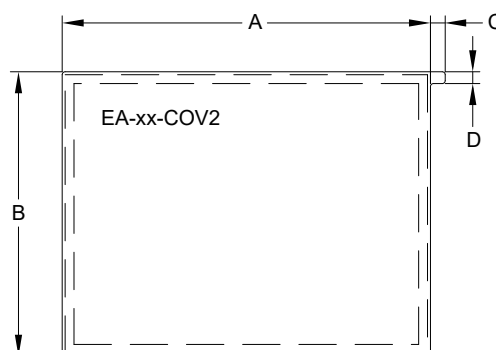
## Non-glare Screen Covers (in packages of 3)

The non-glare screen covers are protective overlays used to protect the touch screen while helping to reduce the glare from external light sources.

**Part Numbers:** EA-6-COV2, EA-7-COV2, EA-8-COV2, EA-10-COV2, EA-10W-COV2, EA-12-COV2 and EA-15-COV2

### Dimensions

Units: inches [mm]



<a href="#">EA-6-COV2</a>	\$49.50
<a href="#">EA-7-COV2</a>	\$51.00
<a href="#">EA-8-COV2</a>	\$53.00
<a href="#">EA-10-COV2</a>	\$59.00
<a href="#">EA-10W-COV2</a>	\$59.00
<a href="#">EA-12-COV2</a>	\$61.00
<a href="#">EA-15-COV2</a>	\$72.00

Non-glare Screen Covers Dimensions - inches [mm]				
Part Number	A	B	C	D
<a href="#">EA-6-COV2</a>	4.91 [124.8]	3.80 [96.4]	0.197 [5.0]	0.157 [4.0]
<a href="#">EA-7-COV2</a>	6.40 [162.6]	4.00 [101.5]		
<a href="#">EA-8-COV2</a>	7.32 [185.8]	5.44 [138.2]		
<a href="#">EA-10-COV2</a>	8.91 [226.2]	6.61 [168.0]		
<a href="#">EA-10W-COV2</a>	9.23 [234.5]	5.38 [136.7]		
<a href="#">EA-12-COV2</a>	10.10 [256.5]	7.64 [194.1]		
<a href="#">EA-15-COV2</a>	12.56 [319.1]	9.37 [238.1]		

## Installation



**NOTE:** The Protective Cover ships with a thin protective sheet on the face of the cover that needs to be carefully removed. If your panel is not clear, the protective sheet may not have been removed.

# Communication Expansion Module

## EA-ECOM Ethernet Communication Module

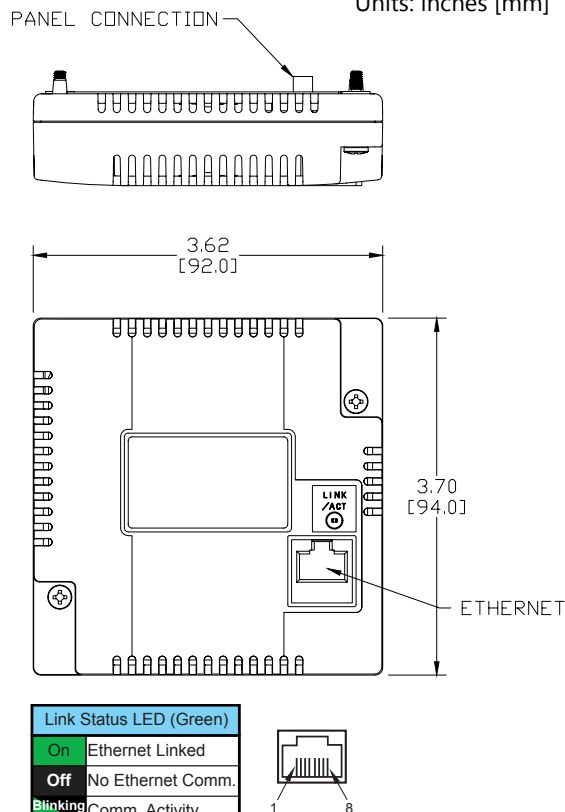
The EA-ECOM communication module is compatible with EA3 series **C-more** Micro 6-inch, 8-inch and 10-inch panels and most **C-more** panels. It adds an Ethernet (RJ45) port for programming and PLC communications at 10/100 Mbps. **C-more** Micro Software and firmware version 4.0 or later is required.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

Part No. **EA-ECOM** \$86.00



## Dimensions

Units: inches [mm]



### Ethernet Communication Interface Specifications

Standard Specification	Conforms to IEEE802.3
Communication Speed	10/100 Base-T (Automatic Negotiation)
Cable Specification	Category 5
Auto MDI / MDI-X	Yes
Connector Type	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
Operating Temperature	0 to 50 °C (32 to 122 °F) Maximum surrounding air temperature rating: 50 °C
Storage Temperature	-20 to +60 °C (-4 to +140 °F)
Humidity	5-95% RH (non-condensing)
Environmental Air	For use in pollution degree 2 environment
Vibration	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
Shock	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)
Noise Immunity	NEMA ICS3-304 RFI, (145 MHz, 440 MHz 10 W @ 10 cm) Impulse 1000 V @ 1 µs pulse
Emission	EN55011 Class A (Radiated RF emission)
Enclosure (panel door installation)	NEMA 250 type 4/4X indoor use only UL50 type 4X indoor use only IP-65 indoor use only (When mounted correctly)
Agency Approvals	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
Mounting Torque	50 oz-in [0.35 N-m]
Weight	0.23 lb [105g]