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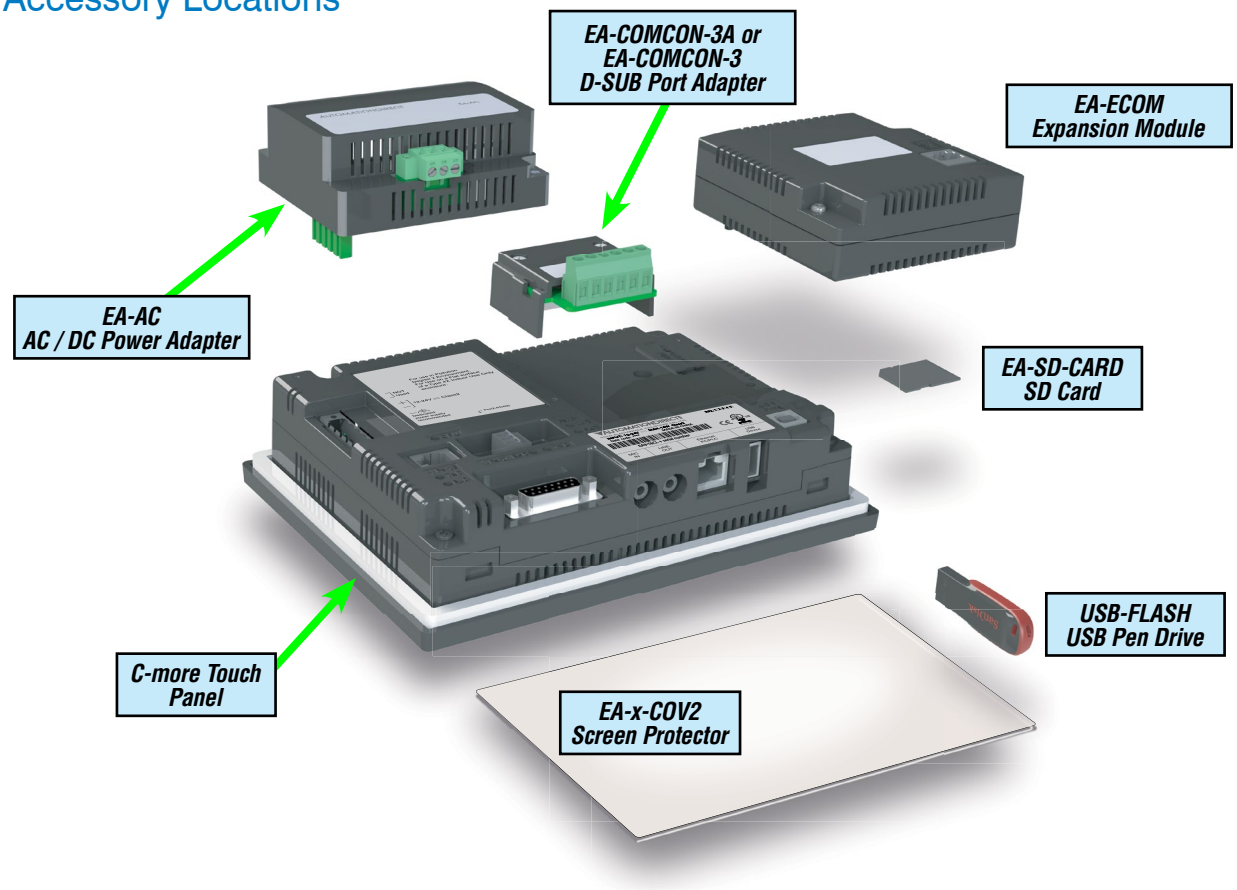
C-more Accessories

Accessories

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

Part Number	Description	Price
EA-AC	AC/DC power adapter, 24 VDC. For use with *C-more* EA7 and EA9 series touch panels.	$78.00
EA-6-COV2	Screen protector, non-glare, 6in. Package of 3. For use with *C-more* and *C-more* Micro 6in panels.	$39.50
EA-7-COV2	Screen protector, non-glare, 7in. Package of 3. For use with *C-more* 7in panels.	$41.00
EA-8-COV2	Screen protector, non-glare, 8in. Package of 3. For use with *C-more* and *C-more* Micro 8in panels.	$42.50
EA-10-COV2	Screen protector, non-glare, 10in. Package of 3. For use with *C-more* EA9-T10CL and *C-more* Micro EA3-T10CL HMIs.	$48.00
EA-10W-COV2	Screen protector, non-glare, 10in. Package of 3. For use with *C-more* EA9-T10WCL widescreen HMI.	$48.00
EA-12-COV2	Screen protector, non-glare, 12in. Package of 3. For use with *C-more* 12in panels.	$49.00
EA-15-COV2	Screen protector, non-glare, 15in. Package of 3. For use with *C-more* 15in panels.	$58.00
EA-ECOM	Communication expansion module, (1) RJ45 10/100 Mbps Ethernet port. For use with *C-more* Micro EA3 series 6in, 8in and 10in panels and all *C-more* HMIs except -R models.	$53.00
EA-COMCON-3	DSUB port adapter, 15-pin male to 6-pole RS-422/485 terminal block, right angle cable entry. For use with *C-more* Micro EA1 series 4in and 6in HMIs, *C-more* Micro EA3 series 3in, 4in, and 6in HMIs, *C-more* EA9 6in and 7in HMIs.	$44.50
EA-COMCON-3A	DSUB port adapter, 15-pin male to 6-pole RS-422/485 terminal block, straight cable entry. For use with *C-more* Micro EA1 series 3in with EA1-MG-SP1, *C-more* Micro EA3 series 8in and 10in HMIs, *C-more* EA9 8in, 10in, 12in and 15in HMIs.	$20.50
EA-SD-CARD	SD memory card, 2GB, industrial.	$104.00
USB-FLASH	SanDisk USB Flash drive, 32GB.	$21.00

Accessory Locations



C-more Accessories

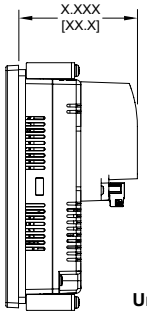
AC/DC Power Adapter

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 **$78.00**



Overall Panel Depth w/ EA-AC Installed

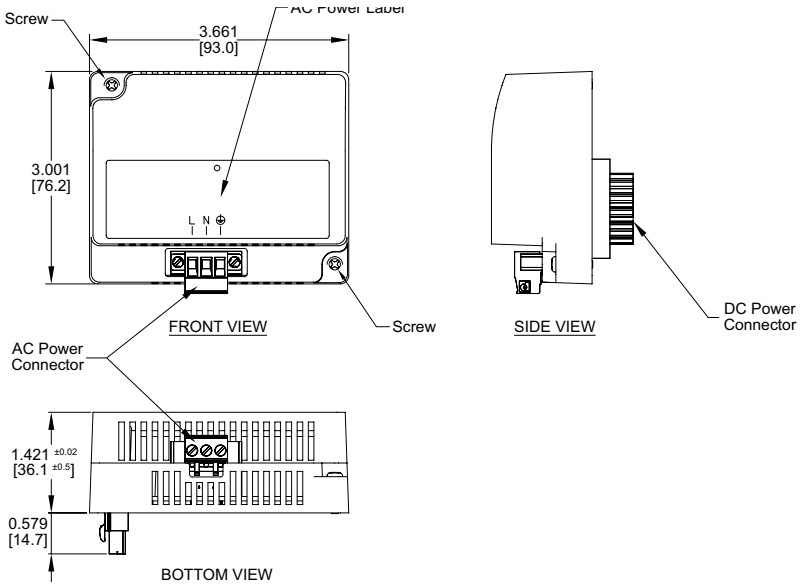


EA9-T6CL-R = 2.99 [75.9]
EA9-T6CL = 2.99 [75.9]
EA9-T7CL-R = 2.99 [75.9]
EA9-T7CL = 2.99 [75.9]
EA9-T8CL = 3.51 [89.2]
EA9-T10CL = 3.51 [89.2]
EA9-T10WCL = 3.51 [89.2]
EA9-T12CL = 3.35 [85.1]
EA9-T15CL-R = 3.35 [85.1]
EA9-T15CL = 3.35 [85.1]

Units: inches[mm]

Dimensions

inches [mm]



AC/DC Power Adapter Specifications			
Part Number	EA-AC	***Short Circuit Protection***	85VAC: 2.6 A, 100VAC: 2.8 A, 264VAC: 3.9 A
Input Voltage & Frequency	100-240 VAC +10% -15%; 50/60 Hertz	***Static Electricity Discharge Resistance***	Compliant with IEC61000-4-2, Contact: 4 kV, Air: 8 kV
Wire	24-14 AWG, 60 / 75°C Copper. Tighten to 72 oz-in (0.5 Nm)	***Agency Approvals***	UL508 - UL Recognized for use with *C-more* panels, cUL, CE, EMC EN61132-2
Permissible Momentary Power Failure	Within 40ms	***Environment***	For use in pollution degree 2 environment
Input Power	68VA or less	***Grounding***	Ground resistance: less than 100 ohm
Operating Temperature Range	0°C to 50°C [32 to 122°F] Maximum surrounding temperature rating, 50°C	***Dimensions - inches [mm]***	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.)
Storage Temperature Range	-20 to 60°C [-4 to 140°F]	***Weight***	6.13 oz. [175 g]
Operating & Storage Humidity	10-85% RH (non-condensing)	***Cooling Method***	Natural convection
Noise Immunity	1000VAC p-p (Pulse width 1 µs, rise time: 1 ns), with proper ground connection on AC terminal block.	***Removable AC Power Connector (included)***	EA-AC-CON or DECA Switchlab MC101-508-03G Secured with (2) captive M2.5 screws, torque to 70 oz-in [0.5 Nm]
Hi-Pot	1000VAC, 1 minute, with proper ground connection on AC terminal block.	***Output Voltage and Ripple***	21.6 - 26.4 VDC, Ripple < 100 mV p-p
Insulation Resistance	500VDC, 10 M ohm or above, with proper ground connection on AC terminal block.	***Output Current***	Maximum 1.5 A
Vibration	Compliant with IEC61131-2	***Inrush Current***	For 100VAC: 15A, 3ms or less For 240VAC: 20A, 3ms or less
Shock	Pulse shape: Sine half wave, Peak acceleration: 147 m/s² (15 G), X, Y, Z: 3 directions, 2 times each	***Mounting to Touch Panel***	Secure with (2) spring loaded captive M3-20 screws, torque to 50 oz-in [0.35 Nm]
Thermal Protection	140°C [284°F], with autorecovery	***Recommended External Fuse***	3.0A (ADC p/n: MDL3)

C-more Accessories

SD Card

EA-SD-CARD



$104.00

SD memory card for non-volatile storage, 2GB industrial grade. 85° 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.

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

USB Flash Drive

USB-FLASH



$21.00

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) panels, EA9-T7CL(-R) panels and ***C-more*** Micro 4" and 6" panels. UL Recognized

Part No.
EA-COMCON-3



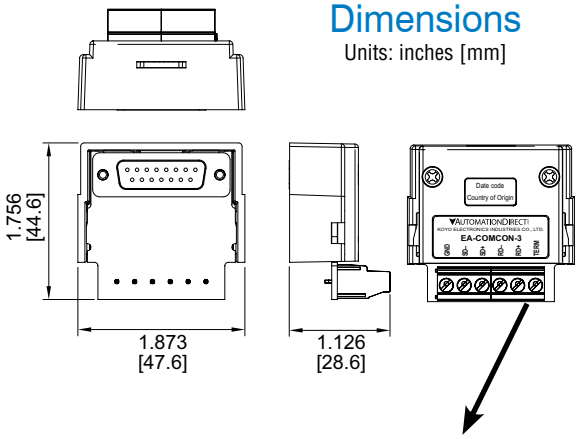
$44.50

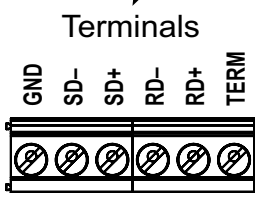


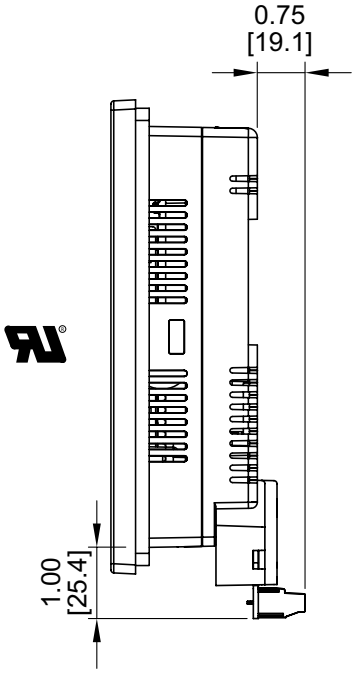


Dimensions

Units: inches [mm]







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, ***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.

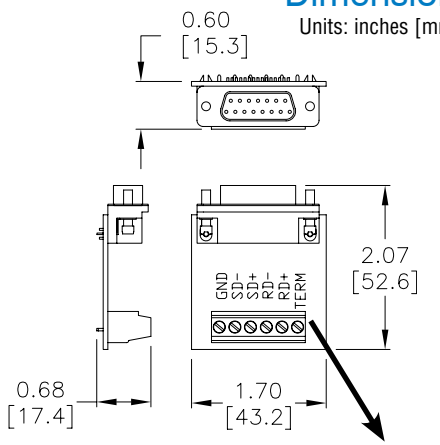
Part No.
EA-COMCON-3A

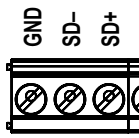


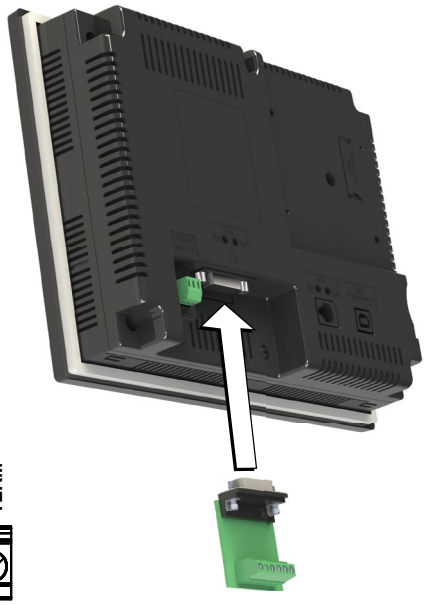
$20.50

Dimensions

Units: inches [mm]







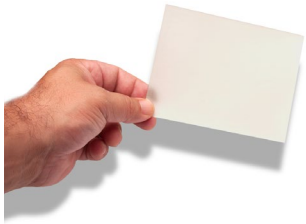
EA-COMCON-3(A) Wiring Specs	
Wire Size	***Screw Torque***
14-24 AWG	4.4 lb-in [0.5 Nm]

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.

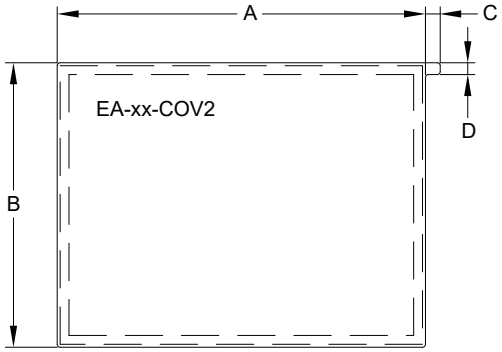
Part Numbers: EA-6-COV2, EA-7-COV2, EA-8-COV2, EA-10-COV2, EA-10W-COV2, EA-12-COV2 and EA-15-COV2



EA-6-COV2	$39.50
EA-7-COV2	$41.00
EA-8-COV2	$42.50
EA-10-COV2	$48.00
EA-10W-COV2	$48.00
EA-12-COV2	$49.00
EA-15-COV2	$58.00

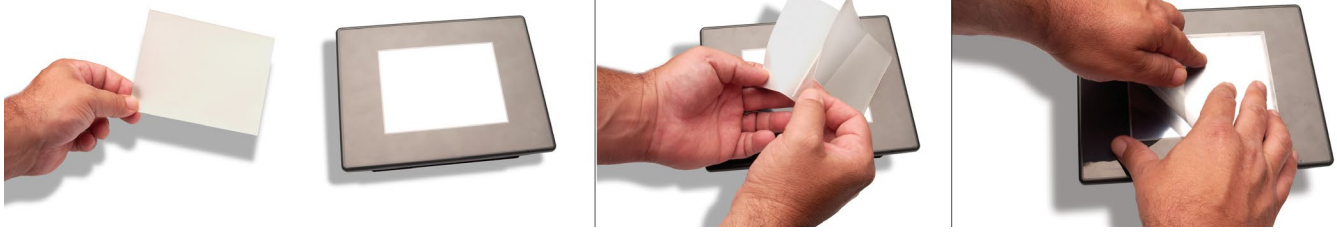
Dimensions

inches [mm]



Non-glare Screen Covers Dimensions - inches [mm]				
Part Number	A	B	C	D
EA-6-COV2	4.91 [124.8]	3.80 [96.4]	0.197 [5.0]	0.157 [4.0]
EA-7-COV2	6.40 [162.6]	4.00 [101.5]		
EA-8-COV2	7.32 [185.8]	5.44 [138.2]		
EA-10-COV2	8.91 [226.2]	6.61 [168.0]		
EA-10W-COV2	9.23 [234.5]	5.38 [136.7]		
EA-12-COV2	10.26 [260.6]	7.64 [194.1]		
EA-15-COV2	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.

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.***

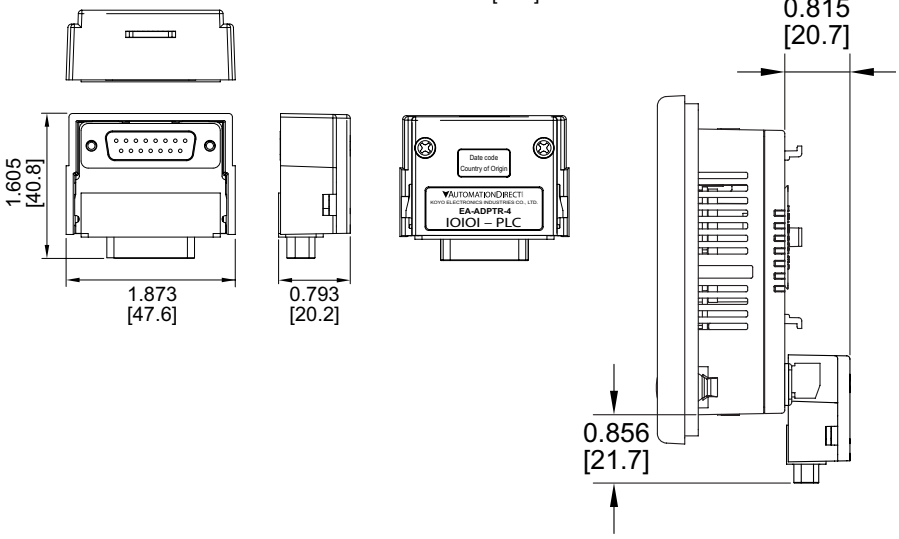
Part No.
EA-ADPTR-4



$41.50

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.***

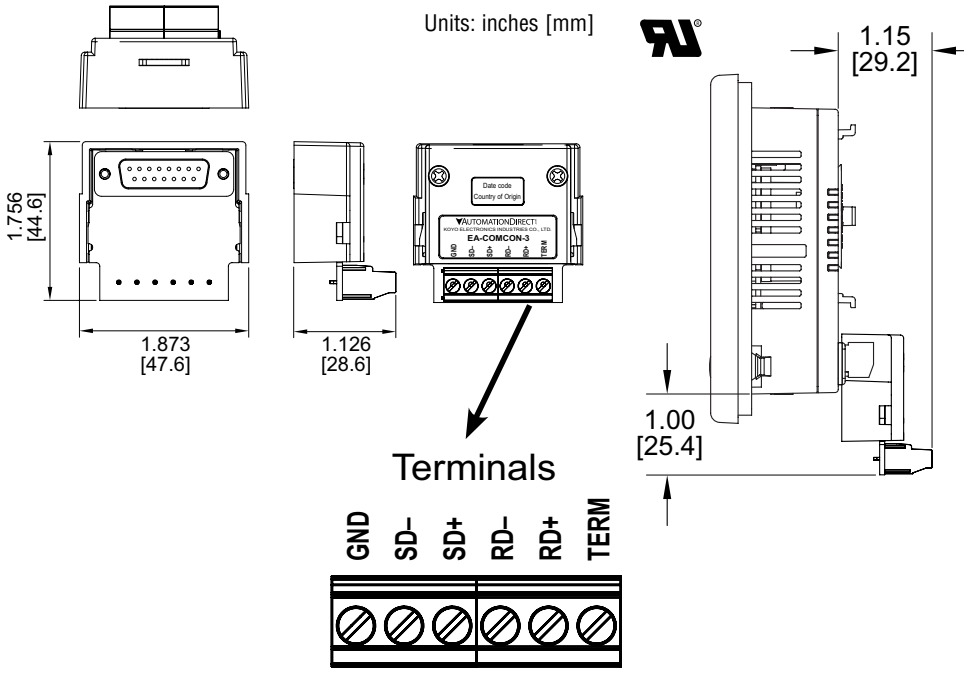
Part No.
EA-COMCON-3



$43.50

Dimensions

Units: inches [mm]



more Reliability...

Smart power supply options allow for improved reliability

C-more can operate with 12 or 24 VDC power supply. This is great for applications that have good clean 12 or 24 VDC power. However, there are many situations where the DC power in a cabinet does not meet required specifications for instrumentation.

C-more offers an optional 100-240 VAC screw-on power adapter (EA-AC) that improves panel reliability. Since it is built specifically for *C-more*, it offers power fault detection with sequential shut-down, and will set an error flag that can be configured with a time and date stamp to help troubleshoot a problem.

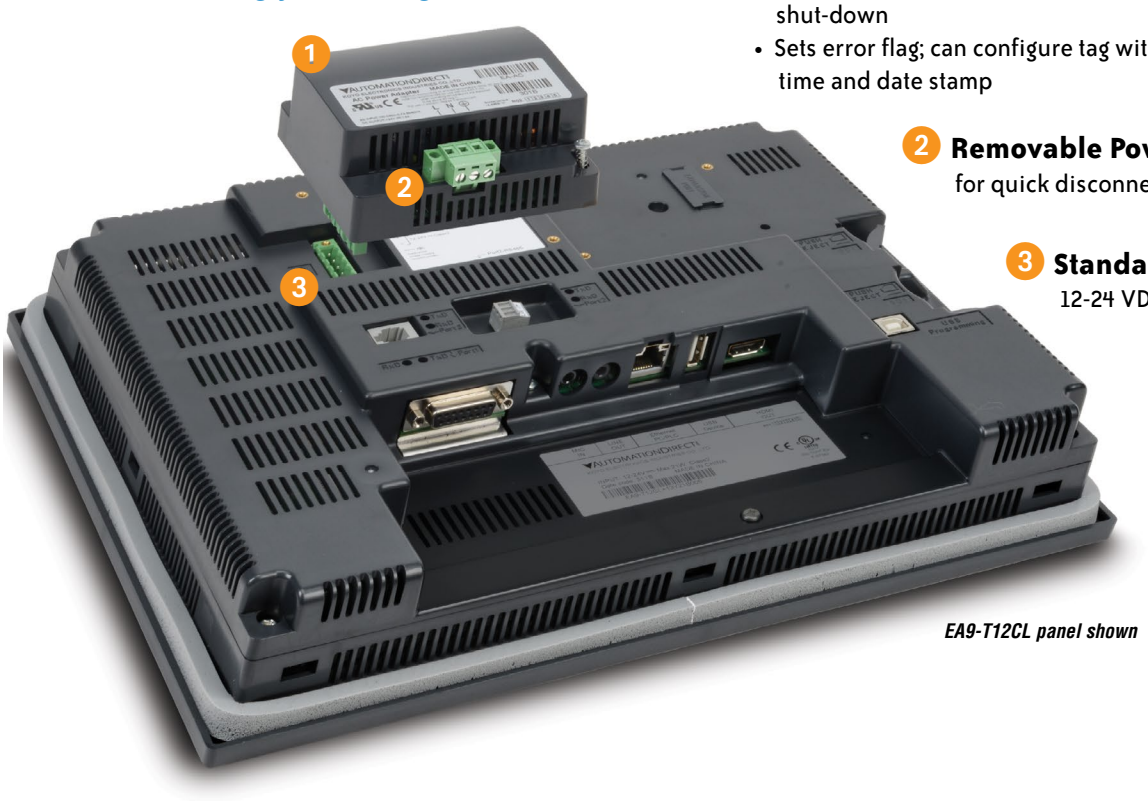
The power fault detection will attempt to "close" data logging files on SD memory cards to prevent file corruption. If data logging is critical to your applications, the EA-AC power adapter is a must.

Power Fault Detection
Sequential Shut-down
Error Flag you can log

1 Optional 110 VAC to 24 VDC Power Supply
- Improves panel reliability
- Power fault protection with sequential shut-down
- Sets error flag; can configure tag with time and date stamp

2 Removable Power Terminal Block
for quick disconnect

3 Standard Power Connection
12-24 VDC 1.5 Amp supply required



EA9-T12CL panel shown

Add More Ethernet to your panel for only **$52.00** with the EA-ECOM module

The EA-ECOM module easily attaches to EA9 panels (excluding Base models) providing an additional 10/100 Base-T Ethernet Auto MDI/MDI-X RJ45 Port. Simply connect the module to the back of your EA9 C-more and secure it with the supplied screws. The EA-ECOM does not require an external power supply and supports all C-more Ethernet drivers.

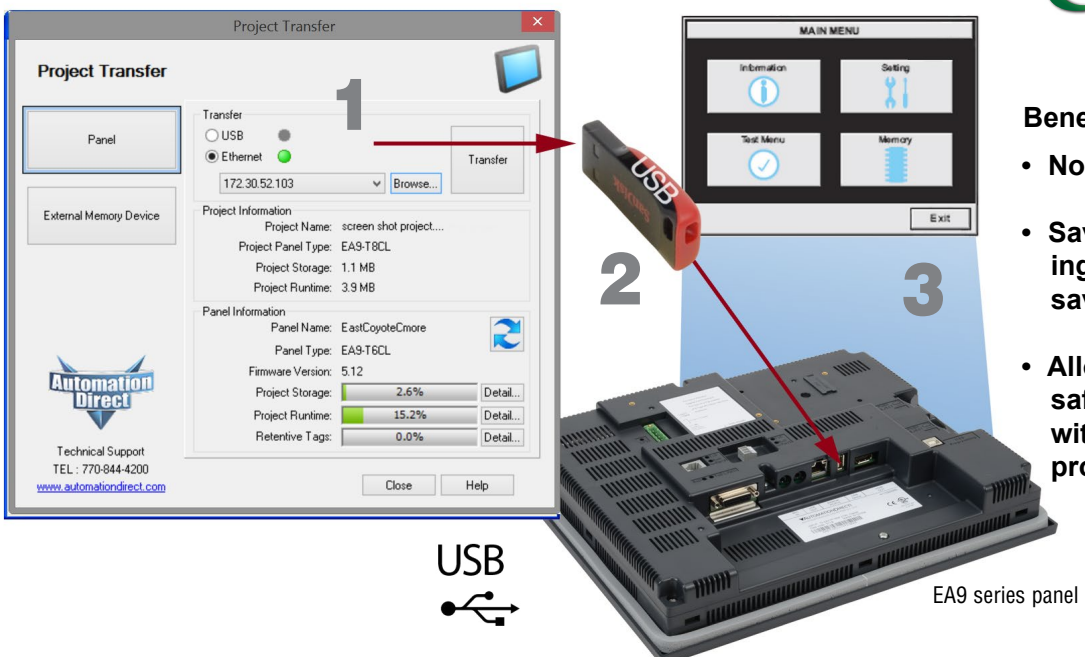


EA9-T7CL panel shown

Updates using USB or SD Memory Devices

Update your HMI without a PC

Use SD memory cards or a USB flash drive to transfer projects to your HMI without having to connect the HMI to a PC. Perfect for updating remote *C-more* EA9 series interfaces, simply transfer the project to the SD memory card or the Pen Drive, take or send the flash device to the remote location, plug it into the HMI and transfer the project. This is also a convenient backup of your project, or for when a damaged HMI must be replaced. Send project updates to users who might not even have the programming software. Projects can be transferred onto the flash device, and restored to the HMI.



EA9 series panel

Benefits:

- **No PC required**
- **Saves you from traveling to job site, which saves you money**
- **Allows the end user to safely load the project without the *C-more* programming software**

1 From the PC, transfer your project to an "External memory device"

2 Take (or send) the memory device to the HMI and plug it in

3 Use the ***C-more*** system screens to restore your project into the HMI memory



Lots of memory for your project

C-more EA9 series interfaces start with a minimum of 26 MB of user project space on the 6-inch through 10-inch units, while the headless EA9-RHMI offers 43 MB and the 12-inch and 15-inch units supply 82 MB for project memory.

How about data storage? Many comparably priced touch panels offer no memory options or they support only proprietary memory cards. With *C-more*, all EA9 series models have a USB Port-A connector, and one SD card slot (12 and 15-inch panels include two SD card slots). This allows memory for data logging, screen captures, message logging and alarm logging.

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