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Find the *Automation Direct EA1-S3MLW-N* at our website: *Click HERE*

C-more 3" Micro-Graphic STN Non-Touch

Model EA1-S3ML-N ***C-more*** 3" Micro-Graphic non-touch panel has a 3.1-inch STN LCD monochrome display and five selectable LED-driven backlight colors including White, PInk1, Pink2, Pink3 and Red. It features a 128 x 64 dot display, and five user-defined function keys each with a user-defined red LED indicator. The panel can display up to 10 lines by 32 characters of static text and up to 10 lines by 21 characters of dynamic text with embedded variables and phrases mixed with graphics. It is rated UL for use on a flat surface of Type 1, 4X enclosure (for indoor use only). This Micro-Graphic panel can receive power from the serial communications port of most AutomationDirect PLCs. An EA-MG-SP1 Serial Port with DC Power Adapter option module (RS-232/422/485) is required when using third-party PLCs.

Part No. EA1-S3MLW-N



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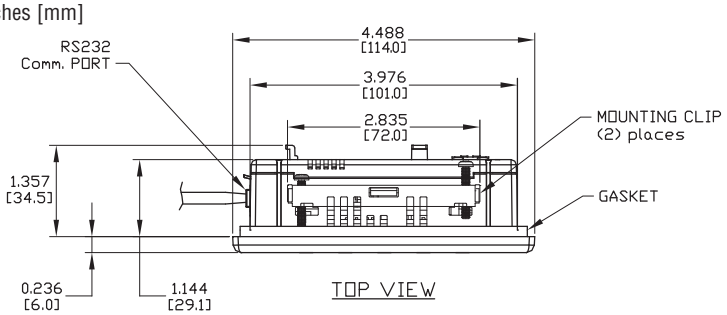
Features

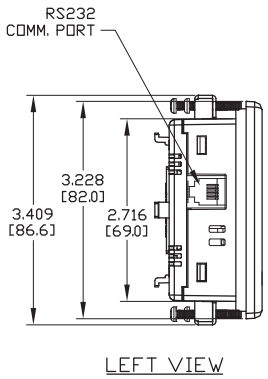
- Free downloadable programming software
- 128 x 64 Dot display with up to 10 lines by 32 characters of text and graphics
- Up to 10 lines by 21 characters of dynamic text with embedded variables and phrases mixed with graphics
- 5 programmable function keys can change with every screen. Can increment / decrement values, trigger recipes, view index of screens.
- 5-Color LED backlight for longer lifetime; White, Pink1, Pink2, Pink3 and Red
- 2 optional snap-on keypad bezels
- 768 KB memory
- Panel is powered from PLC comm port when using select AutomationDirect PLCs. Use optional DC power adapter and serial port modules if needed for other controllers (RS-232/422/485)
- Built-in Alarm Control setup that activates beep, backlight flash, customized alarm banner, and LED blinking
- 0 to 50 °C (32 to 122 °F) operating temperature range (IEC 60068-2-14)
- NEMA 4/4X, IP65 compliant when mounted correctly, indoor use only
- UL, cUL & CE agency approvals
- 2-year warranty from date of purchase

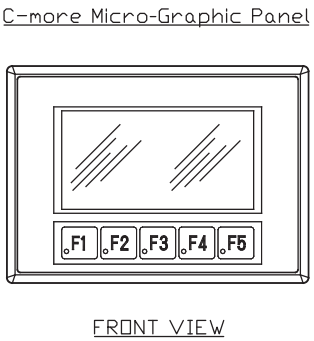
NOTE: Don't forget the optional keypad bezels, DC power adapter and serial port with DC power adapter shown in the Accessories.

Dimensions

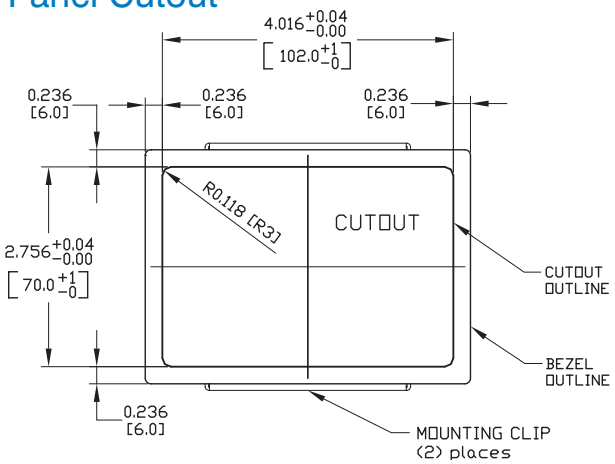
Units: inches [mm]



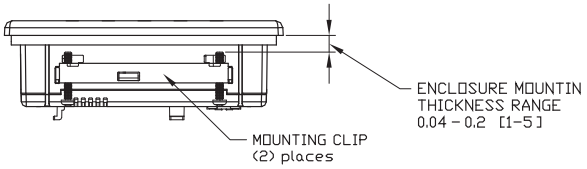




Panel Cutout



Panel Thickness



NOTE: The *C-more* 3" Micro-Graphic cutout dimensions are not equivalent to previous *AutomationDirect* text panels. The *C-more* Micro-Graphic panels will not fit in cutouts for DV-1000, EZText or Optimate panels.

C-more 3” Micro-Graphic Specifications

Specification \ Model	3” STN Micro-Graphic Panel Touch Screen	3” STN Micro-Graphic Panel Non-Touch Screen
Part Number	**EA1-S3ML, EA1-S3MLW**	**EA1-S3ML-N, EA1-S3MLW-N**
Description	128 x 64 dots LCD display, five user defined keypad function buttons, and five user defined LED's	
Display		
• Type	3.1" STN monochrome LCD, graphical characters	
• Resolution	128 (W) x 64 (H) dots	
• Color	2 colors (normal / inverse)	
• Viewing Area Size	2.789” (W) x 1.385” (H) [70.8 mm x 35.2 mm]	
• Active Area Size	2.670” (W) x 1.259” (H) [67.8 mm x 32.0 mm]	
• Contrast	Adjusted from the panel's built-in configuration setup menu	
• Viewing Angle	3, 9 o'clock axis –> 45 degrees 6 o'clock axis –> 45 degrees 12 o'clock axis –> 30 degrees	
Backlight		
• Type	LED	
• Color	5 user defined colors: **EA1-S3ML, EA1-S3ML-N -** Red, Green, Amber, Lime, and Yellow **EA1-S3MLW, EA1-S3MLW-N -** White, Pink1, Pink2, Pink3 and Red	
• User Replaceable	No	
Touch Screen		
• Type	Analog touch panel	N/A
• Operation	51 gram force [0.5 N] maximum	N/A
• Life	Minimum of 1,000,000 cycles	N/A
Features		
• User Memory	768 KB	
• Number of Screens	Up to 999 – limited by project memory usage	
• Beep (Internal)	Yes	
• Keypad Function Buttons	Five user defined function key buttons with the ability to customize the label. Minimum of 500,000 cycles	
• Keypad Function Button LEDs	Each function key button includes a red LED that can be user programmed.	
• Serial Communications	Built-in RJ12 serial communications port (RS-232). Optional serial communications port (RS-232, RS-485/422) when using the optional EA-MG-SP1 Serial Port with DC Power Adapter.	
• Expansion Connection	Yes – used with optional Keypad Bezels, EA-MG-BZ1 & BZ2, and EA-MG-P1 DC Power Adapter, and EA-MG-SP1 Serial Port with DC Power Adapter.	
Screen Objects		
• Functional Devices	Push Button, Switch, Indicator Button, Indicator Light, Graphic Indicator Light, Numeric Display, Numeric Entry, Inc/Dec Value, Bar Graph, Bitmap Button, Static Bitmap, Dynamic Bitmap, Recipe Button, Static Text, Lookup Text, Dynamic Text, Scroll Text, Screen Change Push Button, Screen Selector, Adjust Contrast, Function, Key Configuration Object, Realtime Graph, Line Graph, Analog Meter	
• Static Shapes	Lines, Rectangles, Circles and Frames	
• Displayable Fonts	Fixed fonts: 4x6, 6x6, 6x6B, 6x8, 8x16, 8x32, 8x64, 16x16, 16x32, 16x64, 32x16, 32x32, 32x64, and Windows fonts	

C-more 3” Micro-Graphic panel specifications continued on next page.





NOTE: Photo includes EA-MG-BZ2

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