**Safety Information**

- To minimize the risk of personal safety problems, you should follow all applicable local codes and rules that regulate the installation and operation of your equipment. These codes and rules may also control the type of equipment used in your installation. It is the installer's responsibility to comply with these codes and rules.

- It is important that the equipment is connected to the power supply and operation is in compliance with the local codes and rules of the installation.

- Equipment damage or service access in personal use only from the failure to follow all applicable codes and rules. To the extent permitted by local codes and rules, you are responsible for your product design, installation, or operation.

- If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call 1-800-633-0405 or 770-844-6200.

- This publication is based on information published at the time of publication. AutomationDirect assumes no liability whatsoever for any errors it may contain. This publication is updated periodically. We reserve the right to make changes to the product described herein without notice and without obligation.

**Before you begin...**

- Micro-Graphic Panel is a part of an ongoing product development.

- AutomationDirect, Micro-Graphic Panel is being developed and will be made available to customers at a later date. The panel is supplied to panel and panel functions can be tested.

- Before you order the panel, be sure to check the dimensions in the cutout diagram provided with the panel or using the dimensions shown through a cutout in an enclosure by using the template.

- The provided cutout diagram must be used as a guide for local and national codes that regulate the installation and operation of your equipment. These codes and rules for the installation and operation of your equipment.

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### Micro-Graphic Panel Specifications

- **Weight**: 5.82 oz. (165 g)
- **Depth from bezel rear**: 2.716 in. (69.3 mm)
- **Mounting Clip Screw**: 0.162 in. (4 mm) minimum security screw

#### Environmental
- **Environmental Air**: 3.823 in. (97.1 mm x 83.4 mm x 33.8 mm)
- **Storage Temperature**: 6 o'clock axis – 45 degrees

#### Power Consumption
- **Power Consumption**: 0.508 A for 500 µs

#### Displayable Fonts
- **Displayable Fonts**: (DV-1000CBL) with RJ12 modular connector on each end.

#### Expansion Connection
- **Expansion Connection**: Supports: RS-485 & RS-422

#### Beep (Internal)
- **Beep (Internal)**: 0.354 in. (9.2 mm) high, 0.236 in. (6.0 mm) wide

#### Touch Screen
- **Touch Screen**: No
- **Type**: LED
- **Color**: 2 colors (normal / inverse)
- **Contrast**: 1 octave/min. (±10%), 10 sweep cycles per axis on each of 3 mutually perpendicular axes

#### Features
- **Life**: No
- **Type**: Physical:
  - **Micro-Graphic Panel**: Dimensions
  - **Mounting Gasket**: 3" Keypad Bezel 1
  - **Mounting Gasket**: 3" Keypad Bezel 2
  - **Mounting Gasket**: 6" Keypad Bezel

#### Accessories
- **Accessory Cables**:
  - **Serial Cable**
  - **Input Voltage**

#### DC Power Adapters
- **DC Power Adapters**
  - **Part Number**: EA-MG-P1 EA-MG-SP1
  - **Baud rate**: 9600, 19200 or 38400 bits/sec
  - **Maximum Power**: 1 A for 500 µs

#### Overlay Cover Installation
- **Overlay Cover Installation**
  - **Step 1**: Peel Protective Film
  - **Step 2**: Install the overlay cover
  - **Step 3**: Secure the overlay cover
  - **Step 4**: Install optional mounting gasket

#### Mounting Clips
- **Mounting Clips**: (2) mounting clips, EA-MG-BZ1-BRK, included. (6) mounting clips, EA-MG-BZ2-BRK, included.

#### USB to RS232 Programming Cable Assembly
- **USB to RS232 Programming Cable Assembly**
  - **Converter Status Indicators**
  - **Description**: Connect the converter to the USB port of the computer. The converter is used to convert the signals to serial data for communication with the panel.

#### DC Power Adapter Assembly Example
- **DC Power Adapter Assembly Example**
  - **Panel & Keypad Bezel Assembly Example**
  - **Panel & DC Power Adapter Assembly Example**
  - **Panel & Keypad Bezel Assembly Example**
  - **Panel & Keypad Bezel Assembly Example**

#### Replacement Parts
- **Replacement Parts**
  - **Overlay Cover**
  - **Mounting Clip**
  - **Mounting Gasket**
  - **Replacement Panel**
  - **Replacement Keypad Bezel**
  - **Replacement Label Insert**

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**Customizing the Function Keys Label Insert**

1. **Step 1**: Remove column function key label insert using a small flat-head screwdriver.
2. **Step 2**: Insert the new column function key label insert using a small flat-head screwdriver.