ELC GRAPHIC PANELS

NEW

ELC-GP Starts at £84

1 YEAR WARRANTY · UL · CE · RoHS

PROTOCOLS SUPPORTED

- **Eaton D50/D32LT, D320**
- **Eaton ELC**
- **Eaton MVX ASCII**
- **Eaton MVX RTU**
- **MODBUS ASCII**
- **MODBUS RTU**
- **AB DF1**
- **Mitsubishi FX Series**
- **Mitsubishi FX2N Series**
- **Koyo K-Sequence**
- **LG 200S**
- **OMRON C-Series**
- **Siemens S7-200 Series**
- **ASCII Slave Mode**
        And More!

ELC graphic panels are simple to program and easily connect to ELC products. ELC graphic panels make modifying an application quick and easy, connecting to a variety of devices such as Cutler-Hammer® MVX drives, IQ MODBUS meters and others. With over 30 objects that can be placed anywhere on the display, these tough panels also communicate to other major controllers through 2 serial ports which can be used simultaneously. Transfer applications to or from these graphic panels using the handy transfer module. Ten programmable function keys allow the user to view easy-to-change pages, input numeric values, enter alpha-numeric passwords, set, reset, create alarms, password protect, import bitmaps and use many different fonts. With the ELC's two communications ports, it can handle any networking task. Its small size allows for reduced panel dimensions and saves valuable machine space.

ELC-GP02, £84, shown smaller than actual size.

ELC-GP04, £117, shown smaller than actual size.

ELCSoftGP Programming Software
The ELCSoftGP programming software allows you to configure the ELC graphic panels on a PC, then transfer the program to the graphic panel. With ELCSoftGP, applications can be created, edited, downloaded, uploaded, and much more. The ELCSoftGP software also allows the user to move programs from 1 controller to another with ease. The software is compatible with Windows 98/ME/2000/XP operating systems.

STANDARDS AND CERTIFICATIONS

ELECTRICAL/EMC
Electrostatic Discharge Immunity: EN61000-4-2/1995
Radiated Immunity: EN61000-4-3/1995
Electrical Fast Transient: EN61000-4-4/1995
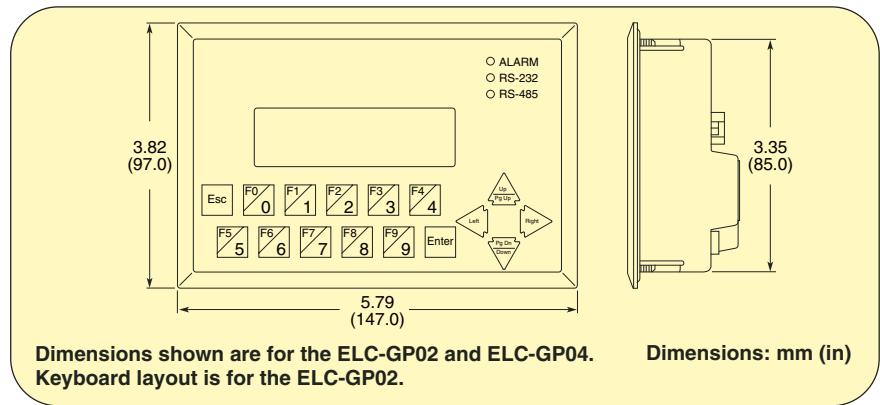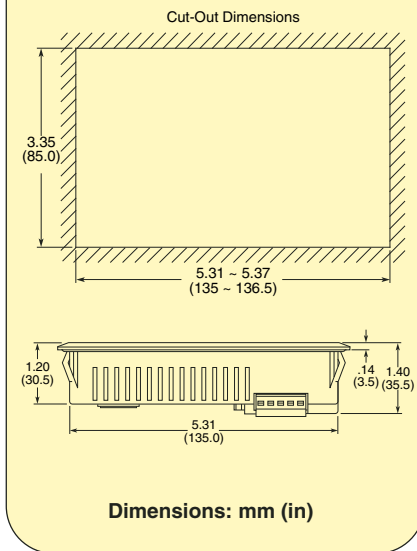**Radiated Emission:** CISPR22, Class A

OTHER APPROVALS
Waterproof Class of Front Panel: NEMA 4 (IP65); NEMA 4X outdoor rated
Agency Certifications: UL 508, cUL (CSA C22.2 No. 14), CE (low-voltage directive) Class 1 Div 2

Dimensions shown are for the ELC-GP02 and ELC-GP04. Keyboard layout is for the ELC-GP02.

Dimensions: mm (in)

ELC-GP02 and ELC-GP04 Dimensions

Cut-Out Dimensions

Dimensions: mm (in)

ENVIRONMENTAL RATINGS/SPECIFICATIONS

Transportation and Storage
Temperature: -20 to 60°C (-4 to 140°F)
Operating Temperature:
0 to 50°C (32 to 122°F)
Humidity: 20 to 90% RH (non-condensing)
Communication Interface:
   COM1: RS232
   COM2: RS485/RS422
Vibration: 0.5 mm displacement,
10 to 55 Hz; from X, Y, Z, 3 directions
and 2 hours for each direction
Impact: 10G, 11 mS; from X, Y, Z,
3 directions and 3 times for
each direction
Weight: 0.24 kg (0.53 lb)
Cooling Method: Natural air cooling

FEATURES

ITEM	ELC-GP02	ELC-GP04
DISPLAY SCREEN		
Screen	STN-LCD	
Color	Monochromatic	
Back-Light	The back-light automatic turn off time is 1 to 99 min; (0 = do not to turn off); back-light life is 50 thousand hours at 25°C	
Resolution	160 x 32 pixels	128 x 64 pixels
Display Range	72 mm W x 22 mm H	67mm W x 32 mm H; 3" (diagonal preferred)
Contrast Adjustment	15-step contrast adjustment	10-step contrast adjustment
Language Font	ASCII: Characters (including European fonts) Taiwan: (BIG 5 code), traditional Chinese character font China: (GB2324-80 code), simplified Chinese character font	
Font Size (ASCII)	5 x 8, 8 x 8, 8 x 12, 8 x 16	
Alarm Indication LED	1. Power on indication (flashes three times) 2. Flash for communication error or other alarm 3. Special indication by user programming	
RS232 LED (Yellow)	Flashes when communicating	
RS485 LED (Green)	Flashes when communicating	
PROGRAM MEMORY		
Program Memory	256 KB flash memory	
EXTERNAL INTERFACE		
Serial Communication Port RS-232 (COM1) 9-PIN D-SUB (Male)	Data length: 7 or 8 bits; Stop bits: 1 or 2 bits Parity: None/odd/even Baud rate: 4800 bps to115,200 bps	
Extension Communication Port RS-485 (COM2) 5-Pin Removal Terminal RS485 or RS422	Data length: 7 or 8 bits Stop bits: 1 or 2 bits Parity: None/odd/rven Baud rate: 4800 bps to 115,200 bps	
Extension Slot	The slot for program copy card	
Power	24 Vdc input	

To Order *(Specify Model Number)*

IN STOCK FOR FAST DELIVERY!

MODEL NO.	PRICE	DESCRIPTION
ELC-GP02	£84	160 x 32 pixels, 10 function keys, monochrome
ELC-GP04	117	128 x 64 pixels, 10 function keys, monochrome

Ordering Example: ELC-GP02, graphic panel, $125.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
ELC-CBPCELC3	£12.75	Cable to connect ELC-GP to an ELC controller or PC, 3 m (9.8')
ELCSOFTGP	50.00	Programming software for GP units
ELC-GPXFERMOD	31.00	Program transfer module

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• Heaters

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