

# ALPHANUMERIC PLC CONTROL

## ABEtherNet/IP® Interface



### FEATURES/OPERATION

- ✓ ALLEN BRADLEY EtherNet/IP® INTERFACE
- ✓ 4" 1 LINE OR 2" 2 LINE COMMAND CONTROLLABLE
- ✓ RED DOT MATRIX LED (100,000 HOUR LIFE)
- ✓ 10 / 20 / 30 CHARACTER WIDTHS
- ✓ INDUSTRIAL GRADE HOUSING NEMA12/4/4X

PART #	DESCRIPTION
TL-2802-311	10 Char 4" 1 Line/13 Char 2" 2 Line, NEMA12, 1 Sided
TL-2802-312	20 Char 4" 1 Line/26 Char 2" 2 Line, NEMA12, 1 Sided
TL-2802-313	30 Char 4" 1 Line/40 Char 2" 2 Line, NEMA12, 1 Sided
TL-2802-321	10 Char 4" 1 Line/13 Char 2" 2 Line, NEMA12, 2 Sided
TL-2802-322	20 Char 4" 1 Line/26 Char 2" 2 Line, NEMA12, 2 Sided
TL-2802-323	30 Char 4" 1 Line/40 Char 2" 2 Line, NEMA12, 2 Sided
TL-2802-211	10 Char 4" 1 Line/13 Char 2" 2 Line, NEMA4, 1 Sided
TL-2802-212	20 Char 4" 1 Line/26 Char 2" 2 Line, NEMA4, 1 Sided
TL-2802-213	30 Char 4" 1 Line/40 Char 2" 2 Line, NEMA4, 1 Sided
TL-2802-221	10 Char 4" 1 Line/13 Char 2" 2 Line, NEMA4, 2 Sided
TL-2802-222	20 Char 4" 1 Line/26 Char 2" 2 Line, NEMA4, 2 Sided
TL-2802-223	30 Char 4" 1 Line/40 Char 2" 2 Line, NEMA4, 2 Sided
TL-2802-411	10 Char 4" 1 Line/13 Char 2" 2 Line, NEMA4X, 1 Sided
TL-2802-412	20 Char 4" 1 Line/26 Char 2" 2 Line, NEMA4X, 1 Sided
TL-2802-413	30 Char 4" 1 Line/40 Char 2" 2 Line, NEMA4X, 1 Sided
TL-2802-421	10 Char 4" 1 Line/13 Char 2" 2 Line, NEMA4X, 2 Sided
TL-2802-422	20 Char 4" 1 Line/26 Char 2" 2 Line, NEMA4X, 2 Sided
TL-2802-423	30 Char 4" 1 Line/40 Char 2" 2 Line, NEMA4X, 2 Sided

### DIMENSIONS

10 Character Length	33" wide by 10" tall by 5" deep
20 Character Length	56" wide by 10" tall by 5" deep
30 Character Length	76" wide by 10" tall by 5" deep

Pricing subject to change based on mfg. material cost average. (built to order)  
Last price revision 7-2007

MANUAL (with app notes) : PB-2149-418

To operate the marquee simply send text data from a PLC using a message instruction. Typical alarm annunciation can be done in as little as 3 rungs. (SLC5/05 and ControlLogix examples are provided in the manual # PB-2149-418)

### LED MATRIX DESCRIPTION:

Alpha-Numeric Indoor Brightness Red Dot-Matrix LED Display Marquee. With the 4" tall font single line or split line addressing to display two lines of 2" tall font. Fonts may be mixed on the marquee at the same time. The marquee automatically left justifies text that is short enough to fit, and automatically scrolls/truncates (switch selectable) text that is too wide to fit.

### PRINTABLE TEXT DESCRIPTION:

Printable characters are Upper Case A-Z, Lower Case a-z, Numeric 0-9, and typical ASCII Punctuation / Special Characters such as: #, \$, %, \*, etc. NOTE: Both the 4" Font and the 2" font are mono spaced to allow easy horizontal text alignment between vertically "stacked" 2800 marquees.

### NEMA4/4x/12 INSTALL DISCLAIMER

This unit is sealed when shipped from the factory. Electrical terminations are provided within the enclosure requiring the customer to punch holes in the 14 gauge steel housing and run conduit/wire into the enclosure. Electrical terminations within the enclosure are din rail wire barriers, and/or screw terminals as appropriate for the purchased communications option.

### POWER DRAW DESCRIPTION

The marquee requires 120VAC power at 60Hz (50Hz acceptable). The units power draw varies depending on the percentage of the LED matrix that is illuminated, but will never exceed 240W peak (2Amps).

### NEMA4/4x/12 ENCLOSURE DESCRIPTION:

The enclosure is NEMA4/4x/12 painted or stainless steel (depending on model ordered). The marquee is designed to be hung using the eye bolts on the top of the unit, or may optionally be bolted to a wall using separately purchased wall mount brackets.

### PLC Allen Bradley EtherNet/IP DESCRIPTION:

The communications interface is proprietary Allen Bradley EtherNet/IP using PLC message instruction to update marquee.

**Phone: 614-851-1100**

American LED-gible Inc.

1776 Lone Eagle Street Columbus, Ohio 43228

Phone: 614-851-1100 Fax: 614-851-1121

[www.ledgible.com](http://www.ledgible.com)

[www.ledandon.com](http://www.ledandon.com)