ELECTRONIC DISPLAYS INC.

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PRODUCT PART NUMBER: ED225MPC-3L-N1-SP

DESCRIPTION:

- Two line display using 2.25" high digits, 4 digits per line.

- Line 1 and 2 will be up-timers in a HH:MM time format. Each line will have a run/hold input and each line will share a common reset.

- Each input will be activated by using a wet or dry contact.

- Line 3 will show a percentage between line 1 and 2.

- **Custom software.**

- Durable indoor NEMA 1 aluminum enclosure w/ black powder coat finish and red acrylic face

- **POWER REQUIREMENTS:** 120 VAC / 60 HZ; 6 ft. line cord provided

OPERATION:

Inputs

This board has various inputs as follows:

- IN1 – Run/Hold for top timer.
- IN2 – Reset for both timers.
- IN3 – Run/Hold for bottom timer.

Display outputs
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This board has a single 1200 baud output to drive standard serial-in displays. Connection is at P7 (T+, T-) to all the slaves. Each address represents a line:

- Address 1 = Top timer, in HHMM
- Address 2 = Bottom timer in HHMM
- Address 3 = Percent (whole) – bottom timer divided by top timer. (up to 3 digits)

- Power-up unit plus slave displays. Each slave is receiving data – show all zeroes.
- Apply input to IN1 to run the top timer.
- Keep input on top timer until 00:02 is shown.
- Apply input to IN3 to run the bottom timer.
- Keep input on bottom timer until 00:01 is shown.
- The percent should show 50 at this point.
- Apply input to IN2 to reset both timers.
- Apply again input to IN1 until top timer shows 02:00.
- Apply input to IN3 until bottom timer shows 03:00. Notice as this approaches the time that the percent increases (on the minute). Finally at 03:00 the percent should show as 150.