

## 4 Digit Up-Timers

### 102 Series

1 line of text

4 Characters

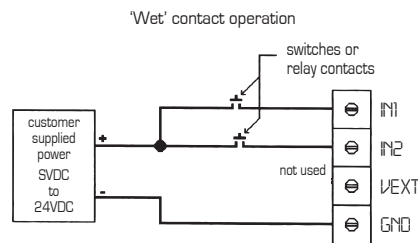
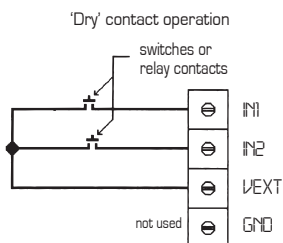


2.25" and 4" Bar Segment



6" / 8" and 12"  
Dot Matrix

A four digit up-timer, that times by MM:SS or HH:MM. Other formats are available (see next page). A terminal strip is provided to wire two customer-supplied, contact closure inputs for counting and resetting to "00:00". Either a "wet" or "dry" contact can be used. EDI supplies an on-board power supply (14VDC) to hardwire a photo-eye, foot switch, push-button switch, etc. The timer starts at "00:00" and increments by the specified time using an on/off switch. A momentary switch will reset the unit to "00:00". Up to 12 digits available.



Two types of wiring inputs are provided. A "wet" contact is designed for the customer to apply a voltage to activate the display. A "dry" contact is activated by using an on-board voltage (14VDC) that allows the customer activate the display. Typical customer-supplied driving devices include a photo-eye, limit switch, PLC, etc.

### APPLICATIONS

- Measure Line Downtime
- Event Timing
- Changeover Timing
- Process Timing
- Loading/Unloading Timing
- Production Capability

### FEATURES

- Long Durability - 10 Years
- Durable NEMA rated enclosure
- Mounting Brackets
- Low maintenance cost
- 6 ft. business line cord
- One-year limited warranty
- Low energy consumption
- Acrylic face
- Attention-getting LEDs

## TECHNICAL INFORMATION

Cat. No.	Power	No. of Characters/Line (max.)	Character size Array	Pixel Size Diameter Pixel Pitch	Pixel Color	Weight	Max. viewing distance w/largest font*	Operating Environment	Case Dimensions / Display Dimensions
ED206-102-4D-N1	120V AC ± 10% 40 watt max.	One line 4	2.25"	.2" (5mm) .08" (20mm)	Red (Standard) Green or Amber	6 lbs.	100 ft.	32-120°F 0-95% relative humidity non-condensing	12"L 2.5"D 4"H/ 2.5"H 10.4"L
ED406-102-4D-N1	120V AC ± 10% 40 watt max.	One line 4	4.0"	.2" (5mm) .08" (20mm)	Red (Standard) Green or Amber	10 lbs.	200 ft.	32-120°F 0-95% relative humidity non-condensing	20"L 2.5"D 8"H / 6.5"H 18.4"L
ED600D-102-4D-N1	120V AC ± 10% 40 watt max.	One line 4	6.0"	.2" (5mm) .08" (20mm)	Red (Standard) Green or Amber	16 lbs.	300 ft.	32-120°F 0-95% relative humidity non-condensing	26"L 2.5"D 9.5"H / 7.9"H 24.4"L
ED800D-102-4D-N1	120V AC ± 10% 50 watt max.	One line 4	8.0"	.2" (5mm) .08" (20mm)	Red (Standard) Green or Amber	32 lbs.	400 ft.	32-120°F 0-95% relative humidity non-condensing	36"L 2.5"D 11.5"H / 9.9"H 34.4"L
ED1200D-102-4D-N1	120V AC ± 10% 100 watt max.	One line 4	12.0"	.2" (5mm) .08" (20mm)	Red (Standard) Green or Amber	40 lbs.	600 ft.	32-120°F 0-95% relative humidity non-condensing	54"L 2.5"D 17.5"H / 16.1"H 52.4"L
ED1800D-102-4D-N1	120V AC ± 10% 100 watt max.	One line 4	18"	.2" (5mm) .08" (20mm)	Red (Standard) Green or Amber	58 lbs.	900 ft.	32-120°F 0-95% relative humidity non-condensing	74"L 2.5"D 23.3"H / 21.8"H 72.4"L

## OPTIONS

**DISPLAY:** Add 2 digits up to 12. | Green or Amber digits available

**ENCLOSURE:** NEMA12 / NEMA4 or NEMA4X (stainless steel) enclosure

**OPERATION:** Increment by MM:SS or HH:MM (Standard), other formats (see below)

**RESOLUTION FORMATS:**

- SS.TH – tenths and hundredths of a second
- SSS.T – tenths of a second (3 positions for seconds)
- MM:SS – minutes and seconds (standard)
- MMM.S – tenths of a second (3 positions for minutes)
- HH:MM – hours and minutes (standard)
- HHH.M – tenths of minutes (3 positions for hours)
- MM:SS:TH – minutes, seconds, tenths and hundredths of seconds
- HH:MM:SS – hours, minutes, seconds
- DD:HH:MM:SS – days, hours, minutes, seconds

**OTHER:**

- Optional battery backup for time memory upon loss of power
- Relay output to activate an alarm, horn, light, etc. when unit reaches a preset value.
- Optional Pollable Feature using a Serial Output
- Optional Serial Preset and Control

Power Source: 120 Volts AC / 60 Hz.  
 Power Consumption: Max. 6 Watts  
 Current Draw: 1.0 – 3.0 Amps  
 Line Cord Length 6 Ft. Plug  
 Indoor / Outdoor: Indoor  
 Operating Environment: 32° – 120° F (0° – 49°C) / 0 – 90% Humidity  
 Number of Digits: 4 Digits  
 Viewing Distance: 1" = 40–50 Feet

LED Intensity: 10 MCD High-Intensity Digits/Discrete LEDs  
 LED Color: Red Standard (Green/Amber Optional)  
 LED Life: 100,000 Hours  
 UL Listed Power Supply: Yes  
 Enclosure Material: Rugged Aluminum Enclosure  
 Enclosure Color: Black Powder-Coat Finish (Scratch Resistant)  
 Enclosure Rating: NEMA1 Standard / NEMA12 Optional  
 Mounting Method: Brackets Provided for Ceiling/Wall Mount  
 Limited Warranty: Factory Service One-Year Parts & Labor