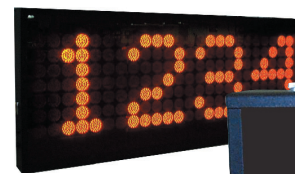


## 4 Digit Up-Counters

1 line of text

*4 Characters*

**109 Series**



Dot Matrix Style

Bar Segment Style



A four digit up-counter, that increments by one from “0” to “9999”. A terminal strip is provided to wire two customer-supplied, contact closure inputs for counting and reset to 0. Either a “wet” or “dry” contact can be used. EDI supplies an on-board power supply to hardwire a photo-eye, foot switch, push-button switch, etc.

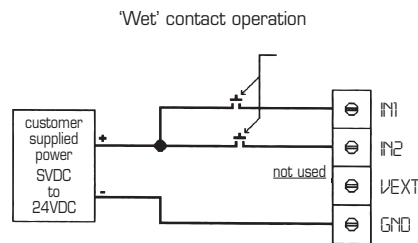
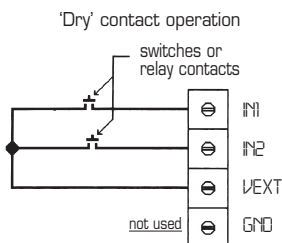
### Options

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

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

**OPERATION:** Variable count: Increment by a different value (ex. count by 2 for every contact closure)  
 Multiple inputs: a secondary input will be used for incrementing or decrementing

**OTHER:** Battery backup to retain number of counts upon loss of power  
 Relay output to activate an alarm, horn, light, etc. when unit reaches a preset value  
 Polling option to a PC to record results



**WIRING:** 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 an on-board voltage that the customer uses to activate the display. Input specifications: 5 to 24VDC

### 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
- Option for 6, 8, 10, 12 digits

135 S. Church Street • Addison, IL 60101

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# UP-COUNTERS AND TOTALIZERS

Electronic Displays, Inc.



## TECHNICAL INFORMATION

### INDOOR STYLE

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
ED206-109-4D-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
ED406-109-4D-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-109-4D-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 9.4"H / 7.9"H 24.4"L
ED800D-109-4D-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 11.4"H / 9.9"H 34.4"L
ED1200D-109-4D-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 17.6"H / 16.1"H 52.4"L
ED1800D-109-4D-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

### OUTDOOR STYLE

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
ED400D-109-4D-N4	120V AC ± 10% 40 watt max.	One line 4	4"	.2" (5mm) .08" (20mm)	Red	6 lbs.	200 ft.	32-120°F 0-95% relative humidity non-condensing	22"L 3"D 11"H/ 9.5"H 20.4"L
ED600D-109-4D-N4	120V AC ± 10% 40 watt max.	One line 4	6.0"	.2" (5mm) .08" (20mm)	Red	10 lbs.	300 ft.	32-120°F 0-95% relative humidity non-condensing	28"L 3"D 12"H / 10.5"H 26.4"L
ED800D-109-4D-N4	120V AC ± 10% 40 watt max.	One line 4	8.0"	.2" (5mm) .08" (20mm)	Red	16 lbs.	400 ft.	32-120°F 0-95% relative humidity non-condensing	36"L 3"D 14"H / 12.5"H 34.4"L
ED1200D-109-4D-N4	120V AC ± 10% 50 watt max.	One line 4	12.0"	.2" (5mm) .08" (20mm)	Red	32 lbs.	600 ft.	32-120°F 0-95% relative humidity non-condensing	51"L 3"D 21"H / 19.5"H 49.4"L
ED1800D-109-4D-N4	120V AC ± 10% 100 watt max.	One line 4	18.0"	.2" (5mm) .08" (20mm)	Red	40 lbs.	900 ft.	32-120°F 0-95% relative humidity non-condensing	75"L 3"D 26"H / 24.5"H 73.4"L

\*Seven fonts available including wide, bold and international character sets.

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