

LED Pulse Counters Up / Down

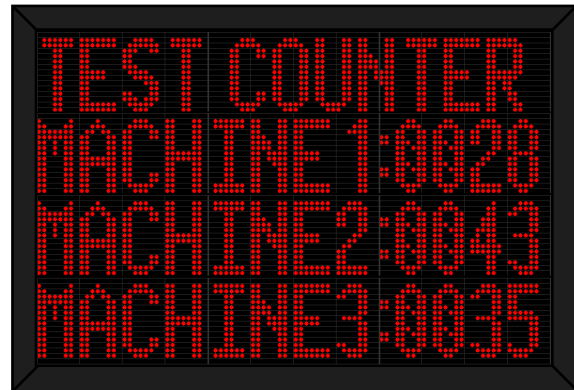
**Low Cost & Industrial Grade
Cabinets**

Kamal & Co

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sales@factorydisplay.com

Description

Led counter displays are sizable numeric counters designed to showcase the frequency of generated pulses. These pulses can originate from Potential Free contacts within automation systems like PLCs, object counters, or from manual switches. This model provides real-time information to employees or customers. Additionally, its countdown functionality enables the reduction of the current count. For instance, in scenarios such as Total Quantity produced, one terminal is designated for Actual count and another for Rejection, effectively displaying the Total Items Produced on the display..



Product Features

- External terminal block accommodates customer-supplied potential-free contacts for interaction with the display.
 - Terminal #1: Initiates up-counting by one upon closure.
 - Terminal #2: Initiates down-counting by one upon closure.
 - Terminal #3: Resets the count to "0" upon momentary closure.
- Momentary contacts are required for both count increments and resetting to "0."
- The last count is stored in memory for reference and continuity.

Notes and Options.

- Display Characteristics: All units feature a single-colour display with the default supply in vibrant RED, offering excellent brightness suitable for both indoor and outdoor viewing.
- Colour Customization: Alternative colours are available upon request, incurring an extra cost.
- Outdoor Units: For outdoor applications, the cost increases by 18% over the base price to account for additional specifications.
- Customization Options: Titles and fixed designs can be added to meet specific

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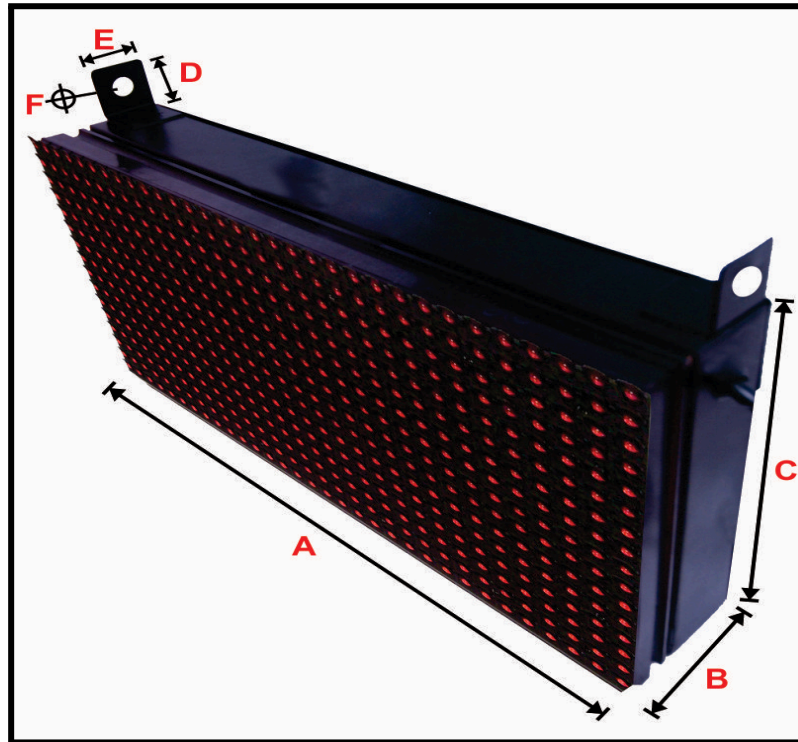
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requirements.

- Power Supply: All units operate on a standard 230V AC mains power source, with the option for 110V available upon separate quotation.
- Mounting Flexibility: Two mounting options are provided - top eye bolts for ceiling suspension and side clamps for secure bolting to supports.



Low Cost Cabinet Sizes and Models

Model	Digit Height (mm)	No of Digits	Height (mm) C	Width (mm) A	Depth (mm) B	Max Power (W)
ECON-UDC-11	140	4	160	320	50	35
ECON-UDC-12	140	8	160	640	50	65
ECON-UDC-13	140	12	160	960	50	95

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Technical Specifications	
VOLTAGE	230 VAC 1 PHASE MAIN POWER
OPERATING TEMP	5 TO 55°C
STORAGE TEMP	0 TO 65°C
RELATIVE HUMIDITY	UPTO 95% RH NON CONDENSING
DISPLAY	FULL MATRIX
LED COLOUR	RED
INPUT AND RESET SIGNAL	PULSE OR SWITCH (POTENTIAL FREE CONTACT)
COUNTING	PLUS OR MINUS
DISPLAY RANGE	0 - 9999
MEMORY	EEPROM DATA RETENTION
ACCESSORIES	POWER CABLE 1 METER

Electrical Connections.



- Connect potential-free inputs for incrementing or decrementing the counter display and for the reset pulse at designated terminals on the cabinet side.
- Ensure no electrical pulses are applied to these terminals during the connection process.
- Power up the unit.
- The display is now prepared to accept count-up or count-down pulses.

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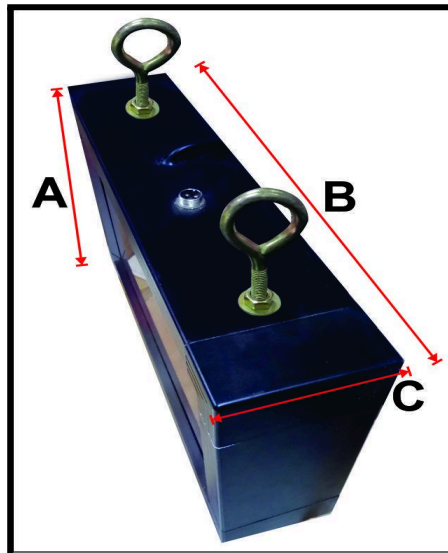
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- Utilize a reset pulse to reset the display to zero.
- In the event of a power failure, the last recorded number is retained in the memory of the display.
- Upon power restoration, the display resumes showing the last recorded number, ensuring continuity in count tracking.

Industrial Grade cabinet Models and Dimensions



All Units in mm

Model No	A Height (mm)	B Width (mm)	C Depth (mm)	Max Power (W)
IC-UDC-11	250	410	93	35
IC-UDC-23	410	1050	93	185
IC-UDC-12	250	730	93	65
IC-UDC-24	410	1370	93	245

Heavy Duty Cabinet

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- ❑ The Heavy Duty Cabinets make the LED board more durable and robust.
- ❑ The cabinets are made from extruded aluminium profiles and moulded corners for better appearance.
- ❑ The front filter used is Perspex / LEXAN ® sheets for UV and robust.
- ❑ The hanging hooks are also heavy and suited for mounting from your support structure.

Contact Information

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