

LED Pulse Counters Up / Down

**Low Cost & Industrial Grade
Cabinets**

Kamal & Co

42, Mambalam High Road,
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Description

Led counter displays are large numeric counters that display the number of times a pulse was generated. The Pulse can be generated from Potential Free contact from Automation systems like PLCs, Object counters etc or a Manual Switch.

This model will display real-time information to your employees or customers. The countdown functionality can be used to reduce the current count, For Example for counting the Total Quantity produced, we would have one terminal for Actual and One Terminal for Rejection so the Display would show the Total Items Produced.



Product Features

- A terminal block outside the unit allows for a customer-supplied contact (potential free contacts) closure to be wired to the display.
 - A. Terminal # 1 = Up-counter by one
 - B. Terminal # 2 = Down-counter by one
 - C. Terminal # 3 = Reset to "0"
(Momentary contacts required for counts and reset to "0")
- Last count held in memory

Notes and Options.

- All display are in Single colour.
- The Default supply is always in RED colour.
- Other colours on request at extra cost.
- RED colour Brightness is good for viewing both indoors and outdoors.
- For outdoor units – cost increases by 18% on base price.
- Titles and other fixed designs can be added to your specification.
- All units work off 230V AC mains (110V can be quoted for separately)
- Mounting provision
 - #1 – Top eye bolts – you can hang it from ceiling.

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- #2 – Side clamps – you can bolt it to your supports.

Sizes and Models						
Model	Digit Height (mm)	No of Digits	Height (mm)	Width (mm)	Depth (mm)	Max Power (W)
ECON-IC-UDC-11	140	4	160	320	50	35
ECON-IC-UDC-12	140	8	160	640	50	65
ECON-IC-UDC-23	260	6	320	960	50	185
ECON-IC-UDC-24	260	8	320	1280	50	245

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

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Electrical Connections.

Connect the potential free Inputs for Increment or Decrement the counter display and Reset pulse at respective terminals provided in the cabinet side.

No electrical pulses should be applied at these terminals.



Power up the unit.

Now the display is ready to accept the count up or count down pulses

Reset pulse will make the display Zero.

In case of any power failure the last number will remain in the memory of display. After power comes back the display will start showing the last recorded number.

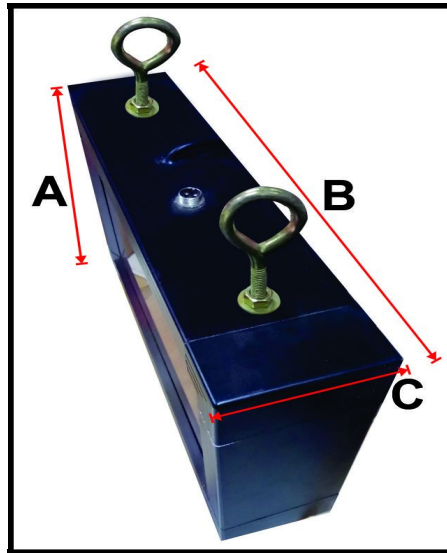
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Dimensions



All Units in mm

Model No	A	B	C
ECON-IC-UDC-11	250	410	93
ECON-IC-UDC-12	250	730	93
ECON-IC-UDC-23	410	1050	93
ECON-IC-UDC-24	410	1370	93

Heavy Duty Cabinet

- ❑ 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.

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