

# MCR SERIES

## ELECTRIC COUNTER

### DESCRIPTION

The MCR Series is a robust medium sized electric totalizer designed for general counting purposes. Available in 4,5 and 6 digit models with different mounting options. Suitable for business machines, amusement and coin operated equipment, textile machinery, printing presses, machine tools, etc.

### MODELS

TYPE	MODELS	DIGITS	VOLTAGE	MOUNTING	CONNECTION	WEIGHT
Additive Total Counter	MCR-4PN DC24V	4	DC24V	Panel (Screw)	Terminal for plug-in terminal (soldering possible)  * with 2 pieces of 260mm [10.2 "] lead wire with plug-in terminal  Lead wire (AWG22)	260 grams [9.17oz.]
	MCR-4PN AC100V		AC100V			
	MCR-4PN AC200V		AC200V			
	MCR-5PN DC24V	5	DC24V			
	MCR-5PN AC100V		AC100V			
	MCR-5PN AC200V		AC200V			
	MCR-6PN DC24V	6	DC24V			
	MCR-6PN AC100V		AC100V			
	MCR-6PN AC200V		AC200V			
	MCR-6PNWUL DC24V		DC24V			
MCR-6PNWUL AC115V	AC115V					

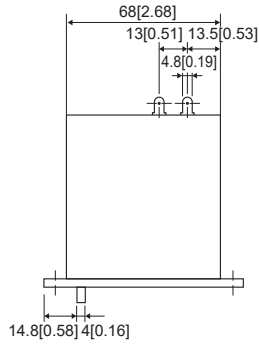
TYPE	MODELS	DIGITS	VOLTAGE	MOUNTING	CONNECTION	WEIGHT
Additive Total Counter	MCR-4CN DC24V	4	DC24V	Base (Screw   Horizontal)	Lead wire (AWG22)	275 grams [9.70oz.]
	MCR-4CN AC100V		AC100V			
	MCR-4CN AC200V		AC200V			
	MCR-5CN DC24V	5	DC24V			
	MCR-5CN AC100V		AC100V			
	MCR-5CN AC200V		AC200V			
	MCR-6CN DC24V	6	DC24V			
	MCR-6CN AC100V		AC100V			
	MCR-6CN AC200V		AC200V			
	MCR-6CNUL DC24V		DC24V			
MCR-6CNUL AC115V	AC115V					

### SPECIFICATIONS

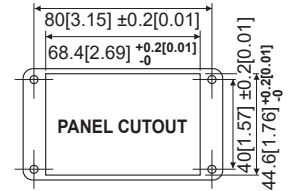
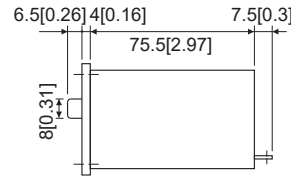
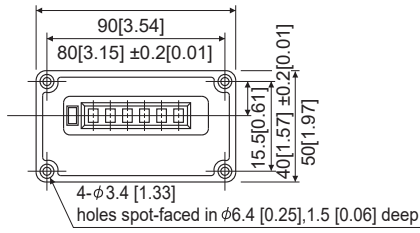
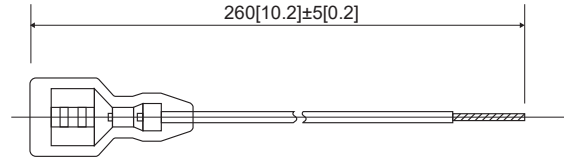
Power Source	AC100V, 115V, 200V 50/60 Hz convertible / DC24V
Voltage Fluctuation	±10%
Power Consumption	AC : 3.5 - 4.2VA ; DC : 3.3W
Continuous Energizing	permissible
Counting Method	One pulse - One count (energizing - ½ count, unenergized - ½ count )
Counting Speed	15 Hz (maximum)
Pulse Width	33msec. minimum
Make (Duty)	1 : 1
Display	4 & 5 Digits: 5.4 x 3.8mm [0.21 x 0.13 "] / 6 Digits: 5.4 x 2.8mm [0.21 x 0.13 "] (white on black background)
Reset Time	Manual (push button)
Operating Temperature	-5°C - +40°C [23 - 104 °F] (non-freezing)
Operating Humidity	85%RH maximum (non-condensing)
Test Voltage	AC1,500V for 1 minute
Insulation Resistance	50MΩ minimum (500VDC megger)
Vibration	Endurance : 16.7 Hz, Width, double amplitude 4mm [0.16 "] Malfunction : 10 - 55 Hz, double amplitude 0.5mm [0.02 "]
Shock	Endurance : 300 m/s <sup>2</sup> (30G) / Malfunction : 50 m/s <sup>2</sup> (5G)
Construction	Plastic (Black)

## DIMENSIONS - MILLIMETERS [INCH]

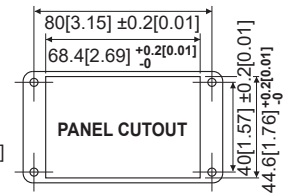
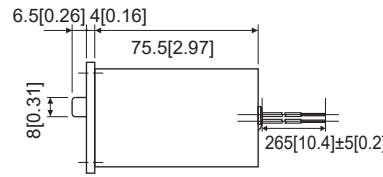
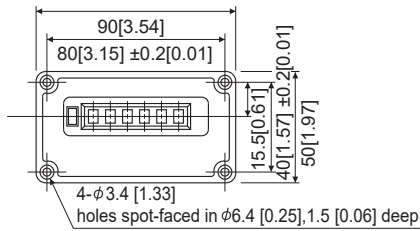
### MCR - 4PN • 5PN • 6PN



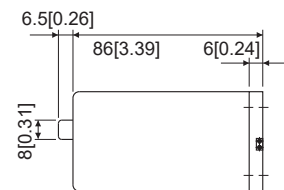
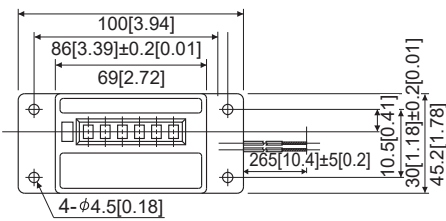
### MCR - 4PN • 5PN • 6PN Accessories : lead wire with plug-in terminal



### MCR - 6PNW



### MCR - 4CN • 5CN • 6CN



This catalog was last revised as of Apr. 22, 2025.

\*Specifications and printed contents are subject to change without prior notice.  
All Rights Reserved, Copyright © 2025, LINE SEIKI CO., LTD.



# LINE SEIKI CO., LTD.

2-37-7 Chuo-cho,  
Meguro-ku, Tokyo 152-0001 Japan  
Please visit our company website for contact details  
webtrade@line.co.jp  
<https://www.lineseiki.com>