

MK Series

4 and 6 Digit Electromechanical Totalizers



MK Series counters offer an exceptionally long count life of at least 250 million counts, ensuring absolute accuracy even with a 10% voltage variation. Available in 4 or 6-digit models with manual or electric reset options, these counters feature varied mounting styles, including a spring clip mount that ensures a clean, uncluttered panel. Installation is quick and easy, thanks to 0.020" x 0.11" quick push-on connectors, making the MK Series a reliable and efficient choice for a wide range of applications.

Key Features

- CE Certified
- Rugged Case
- Varied Mounting Styles
- 4 and 6 Digits with Manual & Electric Reset
- Many Standard Voltages
- 250 Million Count Life, Minimum

Applications

- Production counting,
- line counting (printers),
- events,
- fees,
- where count must be retained even if power is lost.

Dimensions

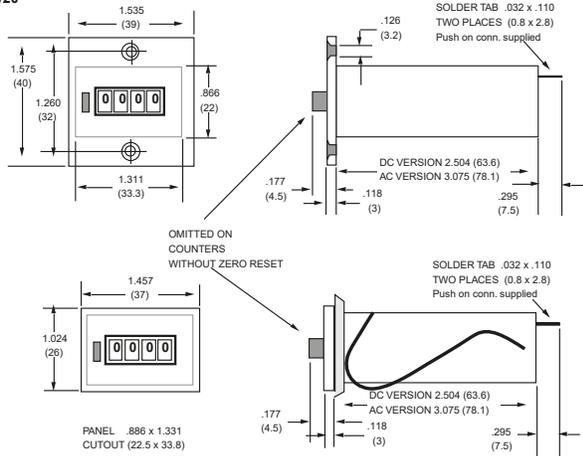
Display Digits	4, 6 digit with manual or electric reset .160" white on black wheels
Operating Voltages	5, 6, 12, 24, 48, 110, 220 VDC; 12, 24, 48, 110, 220 VAC
Count Speed	10, 25, 35 CPS VDC; 18 CPS VAC only
Temperature	+14°F to +114°F (-10°C to +45°C)
Housing	Rugged, black, polycarbonate
Termination	Terminal pins 0.110" x 0.032 connectors supplied
Weight	3 oz
Max. Count Time	Continuous, 50/50 or 60/40 on/off pulse ratio
Approvals	CE Approved

Count Input

Voltage	Count per second	Time in millisecond on	Time in millisecond off	Pulse Ratio	Power Consumption	
					Count	Reset
DC	10	50	50	1:1	2W	9W
	25	24	16	3:2	2W	
	35	17	11	1:1	5.5W	
AC	18	27	27	1:1	3VA	14VA

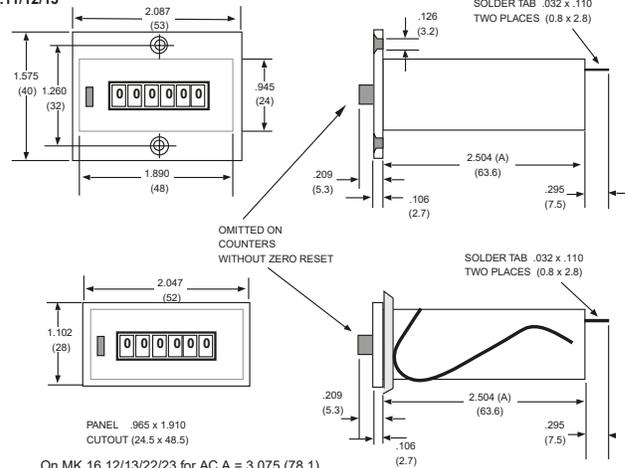
Dimensions

MKs 14.11/21
MKS 16.10/20



Wiring: Count input pins 1 + 2

MK 16.10/02/03
MK 18.10
MK 16.11/12/13



On MK 16.12/13/22/23 for AC A = 3.075 (78.1)
Wiring: Count input pins 1 + 2 electric reset pins 3 + 4

Part Number

EXAMPLE:

MK16 1 2 24 VDC 25 CPS TB

Series

MK14 = 4 digits with reset (1.32" wide cut out)
MK16 = 6 digits with/without reset (1.89" wide cut out)

Mounting

0 = Rear mount
1 = Screw panel
2 = Spring clip

Reset

0 = Non-reset
1 = Manual push button
2 = Electric (6 digit only)
3 = Both (6 digit only)

Voltages (specify)

5, 6, 12, 24, 48, 110 and 220 VDC 12, 24, 48, 110 and 220 VAC

Count Speeds (specify)

10, 25, 35 CPS DC 18 CPS AC

Available Options (add to end of part number)

FL - 6" wire leads
LT - Low temperature (-22°F to +115°F)
HT - High temperature (+14°F to +140°F)
TB - Terminal block

