

B Series

Features

- 5 and 6 Digits with Reset
- 8 Digits Non-Reset
- Secret Rear Reset Option
- Reversed Colored Number Wheels
- UL Recognized Component, CE Certified
- Low Cost

Applications:

General purpose, high performance/low cost counter for monitoring manufacturing processes, flow totals, test cycles where accurate count must be displayed even when power is lost.

Description:

This counter series utilizes an all plastic housing and frame to achieve lower cost without sacrificing quality. Count life is 200 million minimum with optional speeds to 50 counts per second possible. Spring clip or two screw mountings are standard. Plug-in and rear stud mounting available on special order.

Specifications:

Count Life: 200 million.

Numbers: .160" (4mm) high.

Housing: Black plastic, 5, 6 or 8 digit,

Connections: .060" pins with push on connectors.

Count Speed with DC: 10, 25 count/sec. (optional 50 counts per sec.

Count Speed with AC: 18 counts/sec.

Impulse Ratio: 60% on time, 40% off time (Min.).

Operating Voltage:

6, 12, 24, 48, 110, 220 VDC;

24, 48, 110, 220 VAC

Operating Temperatures: +23°F to +104°F (-5°C to +40°C);

Shock: Unit meets IEC 068-2-27 for Shock Stability

Vibration: Unit meets IEC 068-2-6 for Vibration

Approvals: UL Recognized Component File# E60420,
CE Approved

Weight: 3 oz.

Max. Count Time: Continuous 50/50 or 60/40, on/off.

Count Input:

Voltage	Count Per Sec.	Time In Millisec On	Time In Millisec Off	Pulse Ratio	Power Consumption	
					Count	Reset
DC	5	120	80	3:2	85 mW	N/A
	10	60	40	3:2	1 W	
	25	24	16	3:2	2 W	
AC	18	27	27	1:1	2.9 VA	N/A

Industry Standard DIN Totalizing Counters



How To Order:

EXAMPLE: B 16 1 1 24VDC 25CPS

Series	B					
Digits	16	1	1			
15 = 5 digits (Consult Factory) 16 = 6 digits 18 = 8 digits						
Mounting	1					
0 = Non flange (for F1) 1 = Screw panel 2 = Spring clip 3 = Large screw panel						
Reset	1					
0 = Non-reset 1 = Manual push button 4 = Secret Reset						
Voltages (specify)	24VDC					
6, 12, 24, 48, 110 and 220 VDC 24, 48, 110 and 220 VAC						
Count Speeds (specify)	25CPS					
5, 10, 25 CPS DC 18 CPS AC						

Available Options (add to end of part number)

K1B - Silicone cover #3 mount style

F1B Frame - with socket box 945-2

0 Mount only

945 - Socket box

F1DVS - Frame with locking cover

F1DK - Frame with knob closure cover

US - Key reset

N7 - Explosion proof

N7R - Explosion proof with Reset*

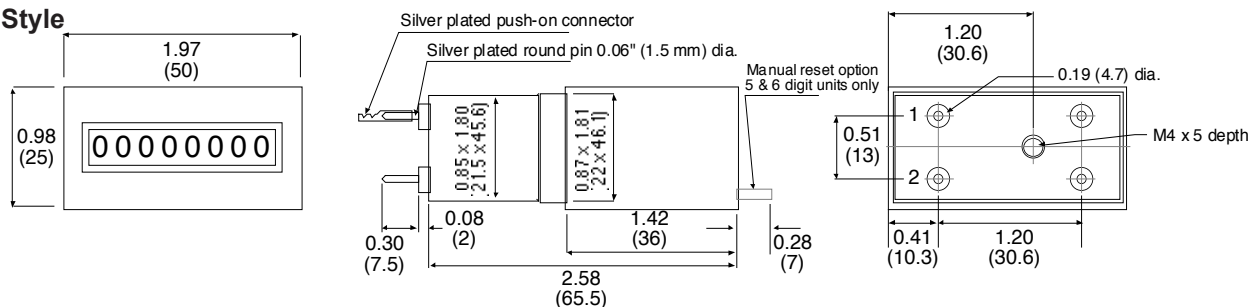
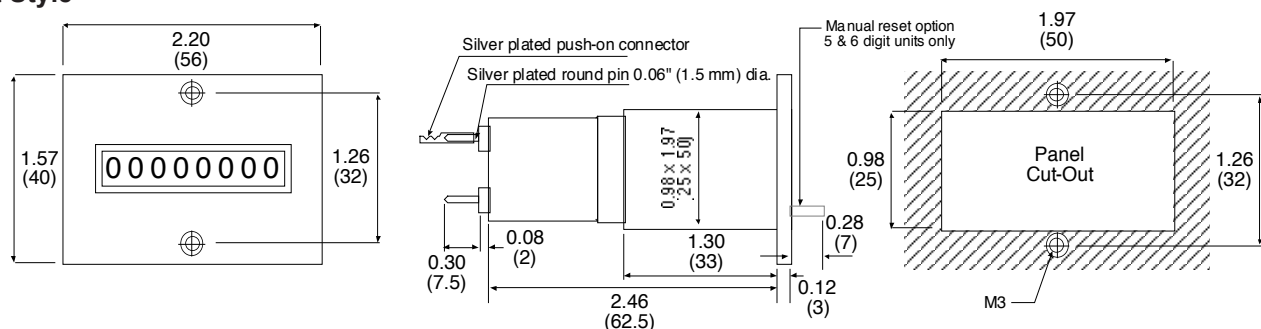
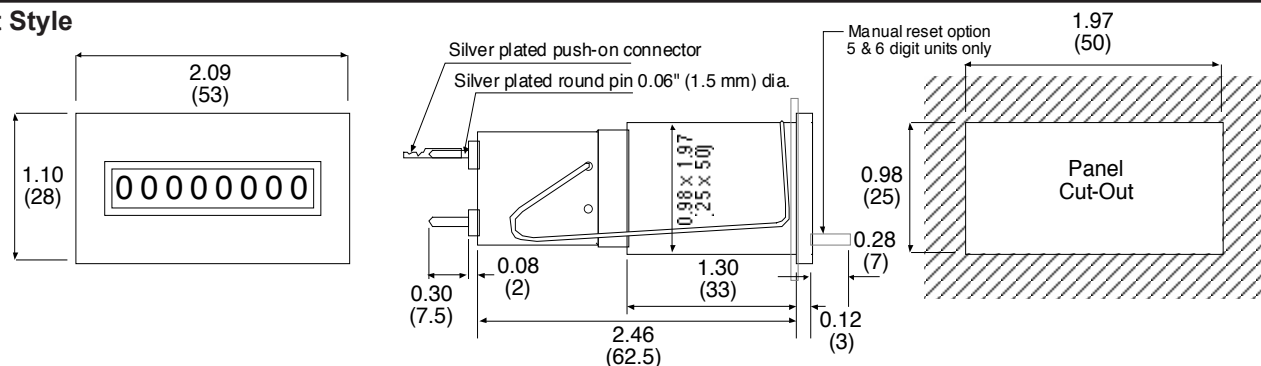
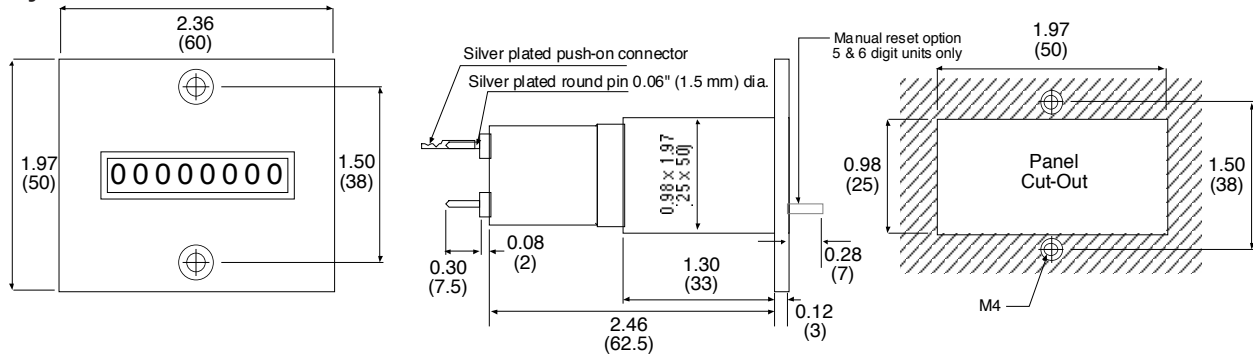
LT - Low temperature (-22°F to +115°F)

HT - High temperature (+14°F to +140°F)

50 counts per second (specify)

FL - 6" Wire Leads

RoHS Compliant

0 Mount Style**1 Mount Style****2 Mount Style****3 Mount Style****F1B Mount Style**