

DUAL RANGE
ON COUNTERS,
SELECTABLE
BY CUSTOMER

POSITIVE-LOCKING
MOUNTING CLIP

LARGE
FIGURES

7 FIGURES
(RESET OR NON-RESET)

SMALLEST
PANEL
OPENING
AVAILABLE

NEUTRAL
TONED
HOUSING



WIDE FLANGE

LOW-PROFILE
RESET BUTTON

HOURLMETERS HAVE
BLINKING DECIMAL

SEALED
ANTI-GLARE
LENS

- WIDE RANGE OF PRODUCT VARIATIONS
- STATE-OF-THE-ART SURFACE-MOUNT TECHNOLOGY
- MADE IN THE UNITED STATES OF AMERICA
- UL RECOGNIZED, CSA CERTIFIED, CE APPROVED
- MINIMAL POWER CONSUMPTION
- CHOICE OF TERMINAL BLOCK OR CONNECTOR WITH WIRE LEADS
- QUARTZ CRYSTAL TIME-BASED TECHNOLOGY

- COMPETITIVELY PRICED
- CLEAR PLASTIC PACKAGING
- TYPICAL 20-YEAR LIFE WITH LITHIUM BATTERY, NO EXTERNAL POWER REQUIRED. MOUNT ANYWHERE!
- .315 INCH (8 MM) FIGURE HEIGHT
- PANEL OPENING: 1.79 X .89 INCHES (45 X 22.2 MM)

COUNTERS, HOURLMETERS, AND TACHOMETERS.

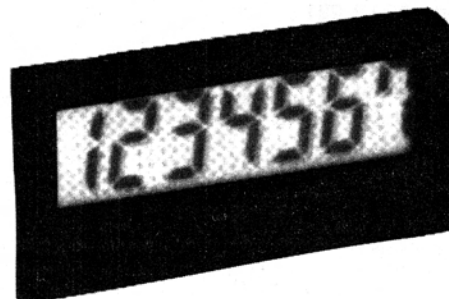
Redington's new "Eagle" family of digital electronic counters, hourmeters, and tachometers use innovative technology to provide unparalleled accuracy and reliability over a wide range of applications. Due to the many design options available, "Eagle" represents the ultimate in practicality and flexibility. "Eagle" can be specified in two ways: with terminal block or connector with wire leads. Installation is simple using the positive-locking mounting clip provided. An optional gasket provides reliable washdown protection. All devices are UL Recognized and CSA Certified. And, because all Redington "Eagle" counters, hourmeters, and tachometers are U.S. made, availability, service, and reliable performance are assured. "Eagle" is priced competitively too, so you won't pay a premium for the latest technology.

PCB MOUNT

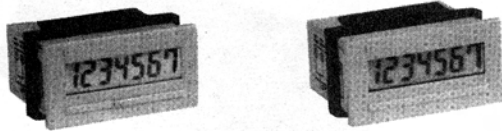
DIGITAL HOURLMETER, COUNTER AND TACHOMETER MODULE

FEATURES

- **Power:** Available with or without lithium battery (3.2 VDC power source required)
 - **Mounting:** Pin terminations for mounting the module to a PCB
- Other specifications are similar to the rest of the "Eagle" family. Data sheet and ordering information available upon request.



Model 53



Features

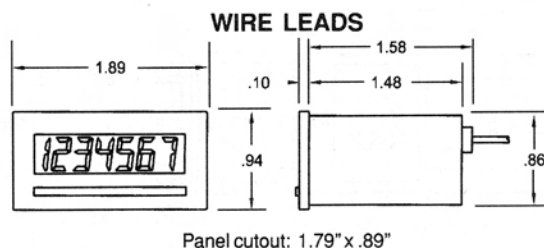
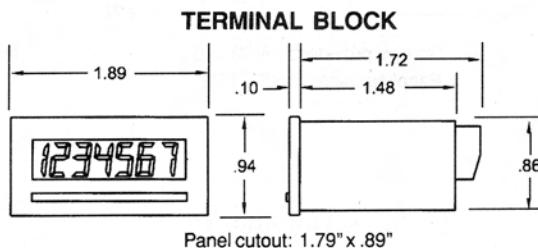
These "Eagle" electronic counters are ideal for situations where high reliability, continuous counting and long life are paramount. Counters have seven digits with or without reset button, and multiple count speed ranges for even greater application flexibility. (See page 2 for additional information)

Specifications

Figures	7 LCD figures, .315" high
Reset	Remote, manual, and non-reset
Speed	0-40 counts/second (min. 12.5ms - on, 12.5ms - off) 0-150 counts/second (min. 3.3ms - on, 3.3ms - off)
Inputs	Switch (non-voltage), 3-30VDC, 20-250VAC/VDC
Power	Internal lithium battery
Mounting	Panel
Terminations	Terminal block, or connector with 8" wire leads
Temp. Range	+15°F to +130°F
Approvals	UL Recognized, CSA Certified
Weight	2 oz.
Options	Termination, color, private labeling, adapter plates, PCB mountable, CE Approved

Models	Description
5300-0000	40/150 cps, switch, remote reset, terminal block
5300-1000	40/150 cps, 3-30VDC, remote reset, terminal block
5300-2000	40 cps, 20-250VAC/VDC, remote reset, terminal block
5300-0100	40/150 cps, switch, manual & remote reset, terminal block
5300-1010	40/150 cps, 3-30VDC, remote reset, connector with 8" wire leads
5300-2200	40 cps, 20-250VAC/VDC, non-reset, terminal block

Dimensions



Model 94



Features

A 6 figure, battery powered, push-button or key reset, electronic counter, available in base mount or panel mount configuration. No external power supply is required. Large .45" LCD figures for fast, easy reading. Operates on AC at frequencies from 0 to 150 hertz. Long lasting internal lithium battery. Attractive styling and silent operation make these models equally well-suited for lab or office equipment applications.

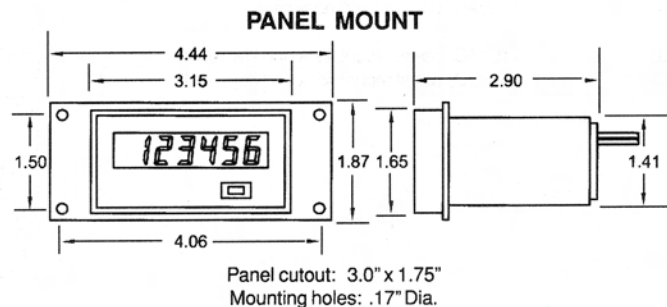
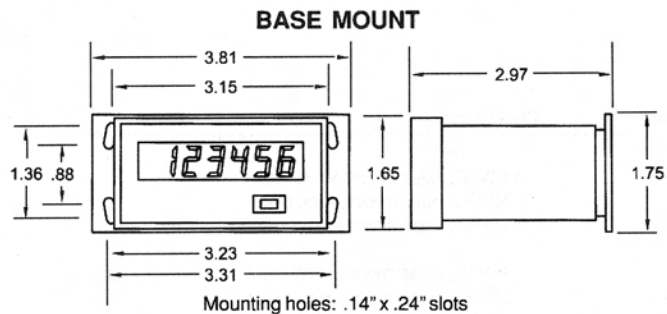
Specifications

Figures	6 LCD figures, .45" high
Reset	Push-button, or lock and key
Speed	2,400 counts/minute, (min. 12.5ms - on, 12.5ms - off)
Input	6-240VAC or VDC
Mounting	Base or panel
Terminations	(2) #22AWG 105°C wire leads, 8" long
Temp. Range	-14°F to +122°F
Power Source	Internal lithium battery
Weight	18 oz.
Options	Non-reset, remote reset

Models	Description
9415-001	6 figure, base mount, push-button reset
9415-003	6 figure, panel mount, push-button reset
9415-005	6 figure, panel mount, lock and key reset

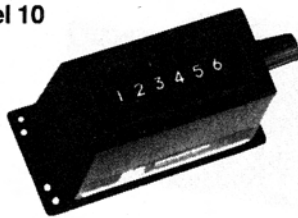
Note: Load resistor (1500 ohms 10 watts) across input terminals required when using AC sensors

Dimensions





Model 10



Features

A 6 figure general purpose, rugged, electromechanical counter, either panel or base mounted, with manual knob reset, key reset, or non-reset. Die-cast frame and housing provides rigid support for accurate alignment and trouble-free use. Distinctive numerals enhance visibility under adverse viewing conditions.

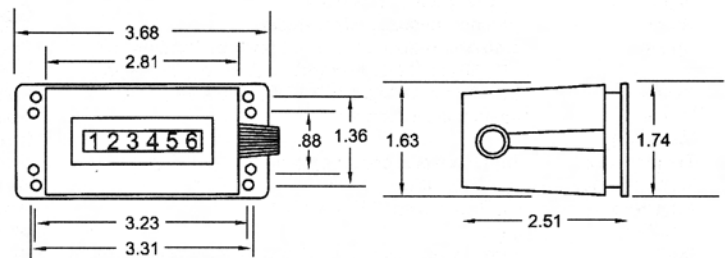
Dimensions

Specifications

Figures	6 figures, white on black, .19" high
Reset	Knob, lock and key, or non-reset
Speed	1,000 counts/minute (min. 30ms - on, 30ms - off)
Voltage	24 and 115 VAC, 24 VDC (+/- 10%, but not to exceed 10 volts)
Power	7.8 watts (nominal)
Mounting	Base, or panel
Terminations	(2)#22 AWG 105°C wire leads, 8" long
Operating Life	Beyond 50 million counts
Temp. Range	-15°F to +140°F
Approvals	UL Recognized, CSA Certified
Weight	18 to 22 oz.
Options	Voltages, lead lengths, terminations

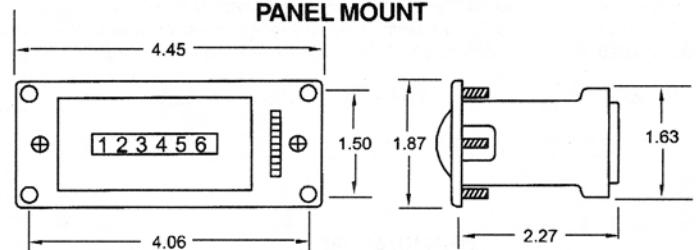
Models	Description
2-1006	115VAC, base mount, knob reset
8-1006	24VDC, base mount, knob reset
2-1016	115VAC, base mount, non-reset
P2-1006	115VAC, panel mount, knob reset
P3-1006	24VAC, panel mount, knob reset
P8-1006	24VDC, panel mount, knob reset
P2-1016	115VAC, panel mount, non-reset
P32-1026	115VAC, panel mount, lock and key reset
P38-1026	24VDC, panel mount, lock and key reset

BASE MOUNT



Mounting holes: 0.15" Dia.

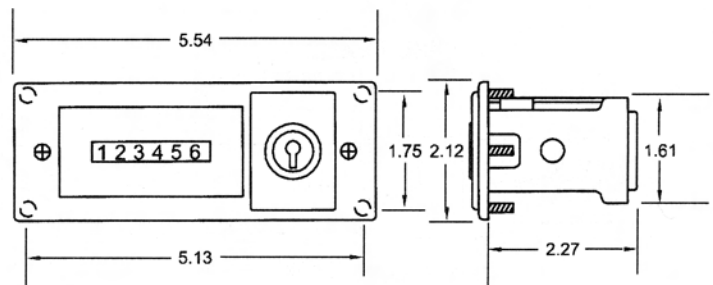
PANEL MOUNT



Screws provided: 6-32 x .5

Panel opening: 3.85" x 1.75"

LOCK AND KEY RESET



Screws provided: 6-32 x .5

Panel cutout: 4.88" x 1.75"

Model 48



14

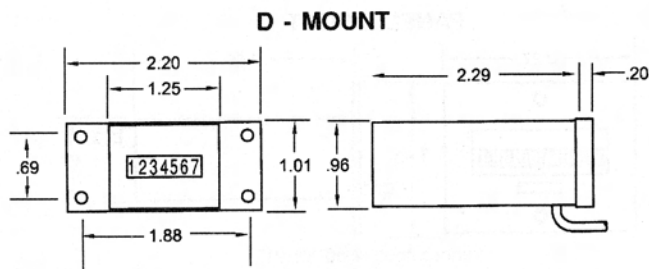
Features

A compact, inexpensive, 6 or 7 figure, non-reset, electromechanical counter designed for general purpose industrial and commercial counting applications. It is designed for a variety of mounting methods as required by the application. Commonly used for coin-operating equipment, photocopiers and vending machines.

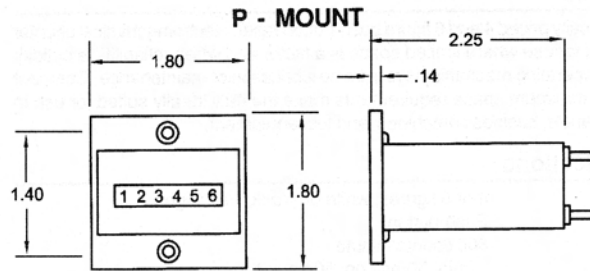
Spec	Figures
Figures	6 or 7 figures, white on black, .17" high
Reset	None
Speed	1,000 counts/minute AC, (min. 30ms - on, 30ms - off) 1,200 counts/minute DC, (min. 25ms - on, 25ms - off)
Power	1.8 watts (nominal)
Mounting	Panel or base
Terminations	(2) #22 AWG 105°C wire leads, 12" long
Operating Life	Beyond 10 million counts
Temp. Range	-15°F to +140°F
Approvals	UL Recognized, CSA Certified
Weight	3.5 oz.
Options	Voltages, lead length, 5 figure

Mod	P2-4816	115VAC, 6 figures, P panel mount
P2-4816	115VAC, 6 figures, P panel mount	
P8-4816	24VDC, 6 figures, P panel mount	
R2-4816	115VAC, 6 figures, R panel mount	
SR2-4816	115VAC, 6 figures, SR panel mount	
SR8-4816	24VDC, 6 figures, SR panel mount	
V2-4816	115VAC, 6 figures, V base mount	
V3-4816	24VAC, 6 figures, V base mount	
V8-4816	24VDC, 6 figures, V base mount	
V9-4816	12VDC, 6 figures, V base mount	
D8-4817	24VDC, 7 figures, D base mount	
P2-4817	115VAC, 7 figures, P panel mount	
P8-4817	24VDC, 7 figures, P panel mount	
R8-4817	24VDC, 7 figures, R panel mount	
SR8-4817	24VDC, 7 figures, SR panel mount	
V2-4817	115VAC, 7 figures, V base mount	
V8-4817	24VDC, 7 figures, V base mount	

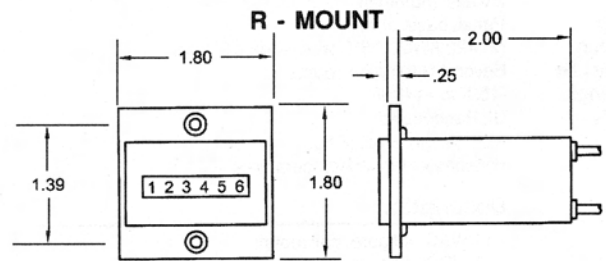
Dimensions



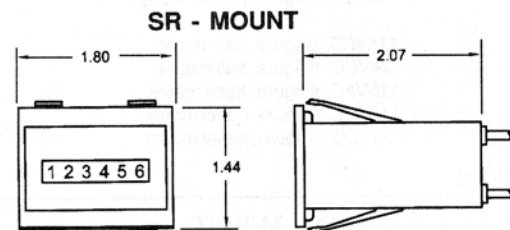
Mounting holes: 0.15" Dia.



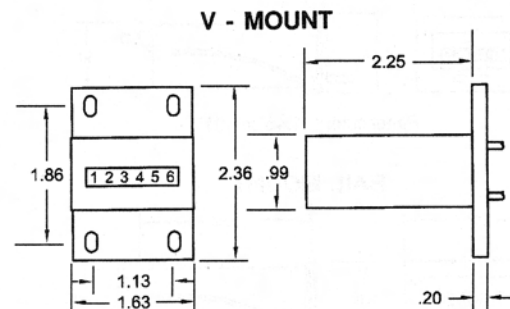
Mounting holes: For #5 flat head screw
Panel cutout: 1.72" x 1.05"



Mounting holes: For #5 flat head screw
Panel cutout: 1.72" x 1.05"



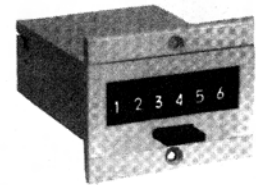
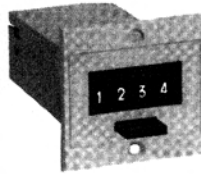
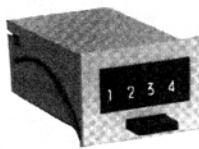
Panel cutout: 1.67" x 1.29"
Recommended panel thickness: 0.04" to 0.08"



Mounting holes: .16" x .28" slots

COUNTERS & METERS

Model 49



Features

Economically priced 4 and 6 figure push-button reset, electromechanical counter designed for use where limited space is a factor and when reliability is critical. Rugged operating mechanisms require no lubrication or maintenance. Compact size and minimum space requirements make the 49's ideally suited for use in control panels, business machines, and test equipment.

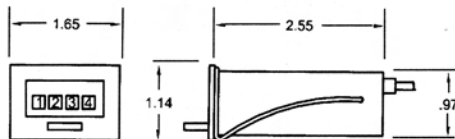
Specifications

Figures	4 or 6 figures, white on black, .16" high
Reset	Push-button
Speed	600 counts/minute (min. 50ms - on, 50ms - off)
Voltages	115VAC, 24VDC (+10% to - 15%)
Power	2 watts (nominal)
Mounting	Panel, base, or bail
Termination	(2) #22 AWG 105°C wire leads, 10" long
Operating Life	Beyond 100 million counts
Temp. Range	-15°F to +140°F
Approvals	UL Recognized
Weight	4 oz. (4 fig.), 5 oz. (6 fig.)
Options	Voltages, extended temperatures

Models	Description
B2-4904	115VAC, 4 figure, bail mount
B8-4904	24VDC, 4 figure, bail mount
D2-4904	115VAC, 4 figure, base mount
P2-4904	115VAC, 4 figure, panel mount
P8-4904	24VDC, 4 figure, panel mount
B2-4906	115VAC, 6 figure, bail mount
B8-4906	24VDC, 6 figure, bail mount
D2-4906	115VAC, 6 figure, base mount
P2-4906	115VAC, 6 figure, panel mount
P8-4906	24VDC, 6 figure, panel mount

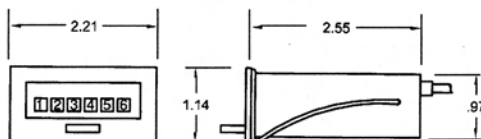
Dimensions

BAIL MOUNT



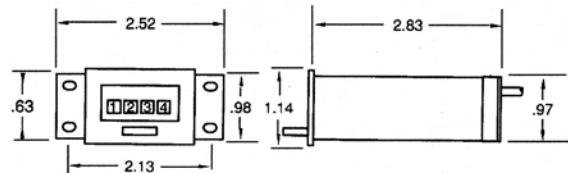
Panel cutout: 1.46" x 1.01"

BAIL MOUNT



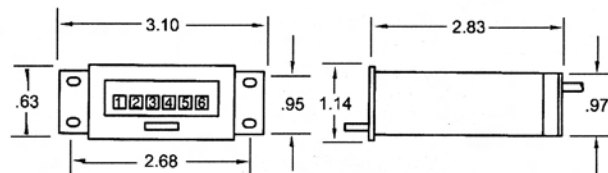
Panel cutout: 2.00" x 1.01"

BASE MOUNT



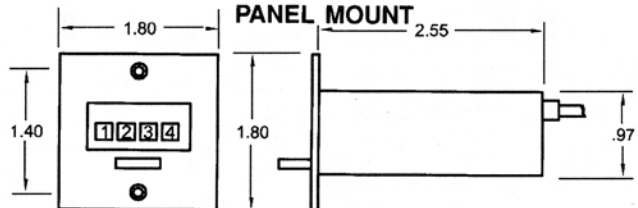
Mounting holes: .12" x .20" slots

BASE MOUNT



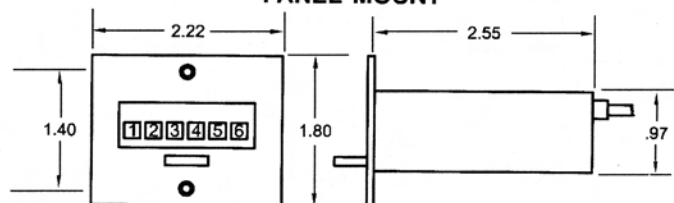
Mounting holes: .12" x .20" slots

PANEL MOUNT

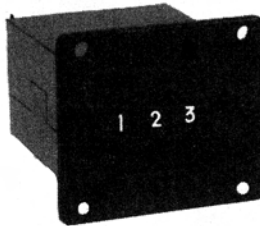


Panel cutout: 1.46" x 1.01"
Mounting holes: For #4 flat head screw

PANEL MOUNT



Panel cutout: 2.00" x 1.01"
Mounting holes: For #4 flat head screw

Model 106


Features

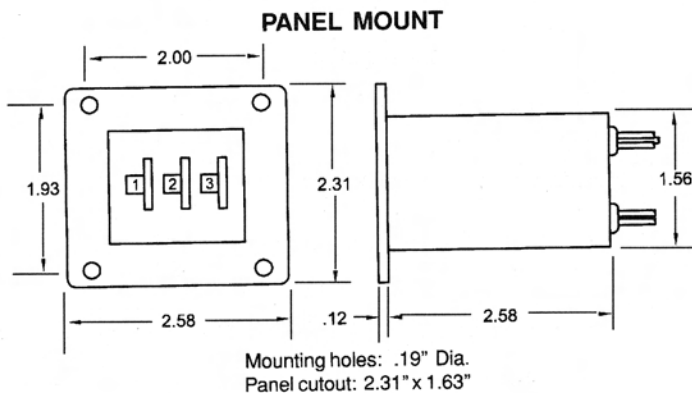
A 3 figure panel mount, predetermining counter, that subtracts one count for each pulse from the preset number down to 000, at which time the SPDT switch activates. Switch remains closed until a new number is preset into the counter. Features simple bi-directional thumb-wheel-presets for each figure. Designed for those applications where a different preset number is desired for each operating sequence. Recommended for process control, textile, and packing industries.

Specifications

Figures	3 figures, white on black, .21" high
Reset	Thumb-wheel-preset
Speed	600 counts/minute (min. 50ms - on, 50ms - off)
Voltage	115 VAC, 24 VDC (+/-10%, but not to exceed 10 volts)
Power	5.0 watts (nominal)
Mounting	Panel
Terminations	(5)#22 AWG 105°C wire leads, 8" long
Operating Life	Beyond 25 million counts
Temp. Range	-15°F to +140°F
Output Switch	SPDT 5 Amp @ 250 VAC resistive
Output Duration	Until reset
Approvals	UL Recognized, CSA Certified
Weight	9 oz.
Options	Voltages, lead lengths, special connectors

Models	Description
P2-1063	115VAC, 3 figures, panel mount
P8-1063	24VDC, 3 figures, panel mount

Dimensions


Model 58


Features

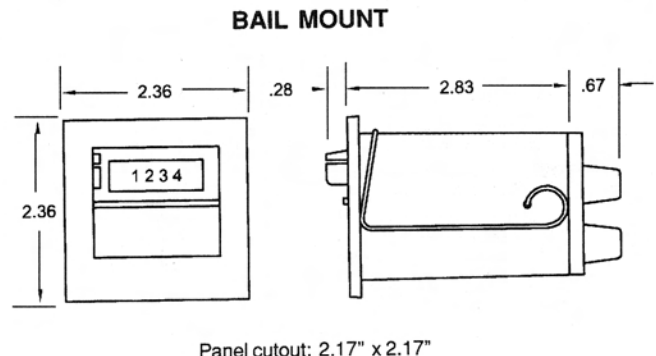
Designed for use in a wide variety of production, batching and packaging applications. These 4 or 6 figure electromechanical predetermining counters, activates a SPDT switch at the preset count. Convenient preset controls and built-in manual reset with guard are standard. Its surge absorbing circuit protects against damage due to voltage spikes. Heavy duty bail mount secures counter in place.

Specifications

Figures	4 or 6 figures, white on black, .16" high
Reset	Electric, or manual reset
Speed	600 counts/minute (min. 50ms - on, 50ms - off)
Voltages	115VAC, 24VDC (+/-10%, but not to exceed 10 volts)
Power	5.5 watts count, 20 watts reset (nominal)
Mounting	Bail
Termination	Screw type
Operating Life	Beyond 100 million counts
Temp. Range	-15°F to +140°F
Output Switch	SPDT 5 Amp. @ 250 VAC resistive
Output Duration	Until reset
Approvals	UL Recognized
Weight	10 oz.
Options	Voltages

Models	Description
B2-5804	115VAC, 4 figures, manual reset
B2-5804/E2	115VAC, 4 figures, 115VAC electric reset
B8-5804	24VDC, 4 figures, manual reset
B8-5804/E8	24VDC, 4 figures, 24VDC electric reset
B2-5806	115VAC, 6 figures, manual reset
B2-5806/E2	115VAC, 6 figures, 115VAC electric reset
B8-5806	24VDC, 6 figures, manual reset
B8-5806/E2	24VDC, 6 figures, 115VAC, electric reset

Dimensions



Model 20



Features

A highly versatile, 5 figure stroke counter. Numbers are large and distinctive, for easy viewing even when above or below eye level. Ruggedly built for years of trouble-free use. An excellent choice for counting parts produced.

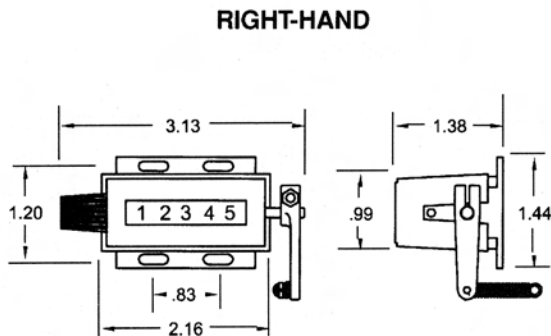
Specifications

Figures	5 figures, white on black, .19" high
Reset	Knob
Speed	1,000 counts/minute
Rotation	Top-coming or top-going
Count Stroke	49° Min. - 60° Max.
Shaft extension	Right-hand or left-hand
Shaft diameter	.125"
Operating Life	Beyond 50 million counts
Temp. Range	-15°F to +140°F
Weight	5 oz.
Options	Non-reset, large reset knob

Models

Models	Description
1-2015	Left-hand, top-coming, standard reset knob
1-2025	Left-hand, top-going, standard reset knob
1-2035	Right-hand, top-coming, standard reset knob
1-2045	Right-hand, top-going, standard reset knob

Dimensions



Model 27



Features

A heavy-duty, 5 figure, internal reset, stroke counter. Available in either right-hand or left-hand shaft extension, and optional lock to prevent unauthorized re-setting.

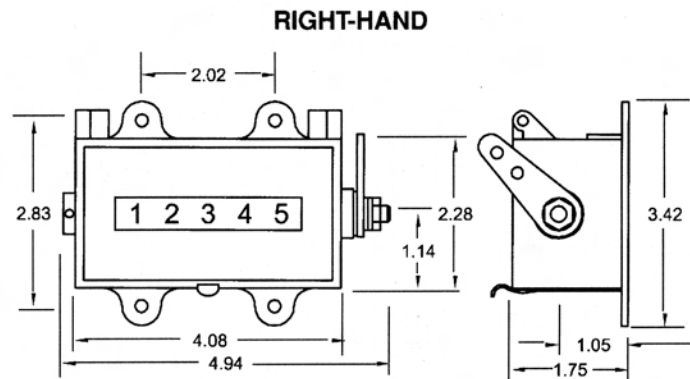
Specifications

Figures	5 figures, white on black, .31" high
Reset	Internal - lift cover, reset wheels
Speed	750 counts/minute
Rotation	Top-coming
Count Stroke	36° Min. - 45° Max.
Shaft extension	Right-hand or left-hand
Operating Life	Beyond 200 million counts
Temp. Range	-15°F to +140°F
Weight	24 oz.
Options	Key lock

Models

Models	Description
1-2715	Left-hand, top-coming
1-2735	Right-hand, top-coming

Dimensions



Model 22



Features

A compact, 5 figure, rotary counter, indicating 10 counts/revolution. Design and compact size make it ideally suited for office and test equipment, coin counting and other direct reading instruments.

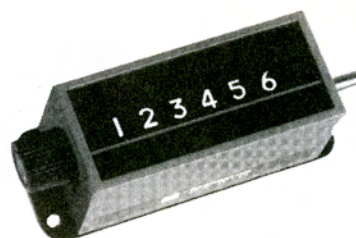
Specifications

Figures	5 figures, white on black, .19" high
Reset	Knob
Speed	1,000 revolutions/minute
Rotation	Top-coming or top-going
Shaft Extension	Right-hand or left-hand
Shaft Diameter	.125"
Ratio	10 counts/revolution
Operating Life	Beyond 50 million revolutions
Temp. Range	-15°F to +140°F
Weight	4 oz.
Options	Large reset knob, special shafts

Models	Description
1-2215	Left-hand, top-coming, add only
1-2225	Left-hand, top-going, add only
1-2235	Right-hand, top-coming, add only
1-2245	Right-hand, top-going, add only
7-2215	Left-hand, top-coming, add and subtract
7-2225	Left-hand, top-going, add and subtract
7-2235	Right-hand, top-coming, add and subtract
7-2245	Right-hand, top-going, add and subtract
1-2315	Left-hand, top-coming, non-reset, add and subtract
1-2325	Left-hand, top-going, non-reset, add and subtract

Dimensions

Model 29



Features

A 6 figure, general purpose, industrial rotary counter designed for use on equipment where environmental conditions are far from ideal. Various count ratios make it suitable for winding equipment, measuring devices and direct reading instruments.

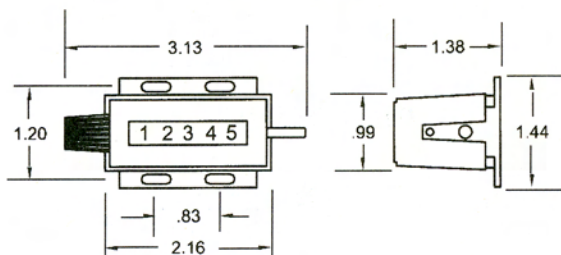
Specifications

Figures	6 figures, white on black, .30" high
Reset	Knob or lock and key
Speed	2,500 counts/minute or revolutions/minute, whichever is lower
Rotation	Top-coming or top-going, to add. Will not subtract if rotation is reversed
Shaft extension	Right-hand or left-hand
Shaft diameter	.25"
Ratio	1 count/revolution or 10 counts/revolution
Operating Life	Beyond 100 million revolutions
Temp. Range	-15°F to +140°F
Weight	18 oz.
Options	Non-reset, subtractive, double shaft extensions, special mounting bases, weatherized versions

Models	Description
11-2916	Left-hand, top-coming, 10 counts/revolution
11-2936	Right-hand, top-coming, 10 counts/revolution
21-2916	Left-hand, top-coming, 1 count/revolution
21-2926	Left-hand, top-going, 1 count/revolution
21-2936	Right-hand, top-coming, 1 count/revolution
21-2946	Right-hand, top-going, 1 count/revolution
22-2936	Right-hand, top-coming, lock and key reset, 1 count/revolution

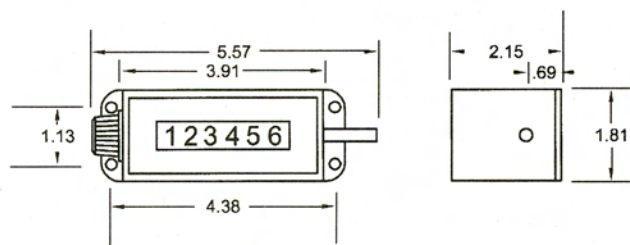
Dimensions

RIGHT-HAND



Mounting holes: .13" x .38" slots

RIGHT-HAND



Mounting holes: .22" Dia.