Electromagnetic Counter CSK

Miniature, Electromagnetic Totalizing Counter

- High-speed response (up to 35 cps)
- Locking mechanism for errorless operation
- Unique mechanism eliminates digit displacement during resets
- UL listed model also available (File No. E67871)





Ordering Information

Numbering of digits	Mounting method		Surface mounting		Flush mounting	
		Terminal Locking mechanism	Wire-wrap terminals	Lead wires	Wire-wrap terminals	Lead wires
4 digits	Manual reset	No	CSK4	CSK4-W	CSK4-Y	CSK4-YW
		Yes	CSK4-K	CSK4-KW	CSK4-YK	CSK4-YKW
	Non-resetting	No		CSK4-LW	CSK4-YL	CSK4-YLW
6 digits	Manual reset	No	CSK6	CSK6-W	CSK6-Y	CSK6-YW
		Yes	CSK6-K	CSK6-KW	CSK6-YK	CSK6-YKW
	Non-resetting	No		CSK6-LW	CSK6-YL	CSK6-YLW

Note: 1. When placing your order, specify the desired supply voltage listed in Specifications and a UL listed model if required, in addition to the model number.

Specifications

■ Ratings

Supply voltage (see note)	100, 200 VAC, 50/60 Hz 6, 12, 24, 48, 100 VDC	
Operating voltage range	85% to 110% of rated voltage	
Power consumption	AC: approx. 3 VA DC: approx. 3.5 W	
ON time rating	Continuous rating	
Counting speed	AC input: 15 cps (contact) (ON/OFF ratio: 1:1) DC input: 20 cps (contact) (ON/OFF ratio: 1:1)	
Character height	4 mm	

Note: The DC models have no polarity.

^{2.} If a UL listed model is required, specify this in your order in addition to the desired model number.

■ Characteristics

Insulation resistance	100 MΩ min. (at 500 VDC)
Dielectric strength	1,500 VAC, 50/60 Hz for 1 minute
Vibration resistance	Destruction: 16.7 Hz, 4 mm double amplitude Malfunction: 10 to 55 Hz, 0.5 mm double amplitude
Shock resistance	Destruction: 300 m/sec² (approx. 30G) Malfunction: 50 m/sec² (approx. 5G)
Ambient temperature	Operating: -10°C to 45°C Storage: -25°C to 65°C
Ambient humidity	45% to 85%
Life expectancy	50,000,000 counts
Approved standards (see note)	UL508
Weight	4-digit model: approx. 100 g 6-digit model: approx. 110 g

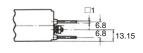
Note: These standards apply to the -US models only.

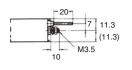
Dimensions

CSK4-W/KW/LW 13.15 Reset button* 80 max. -4.5 11.3 22.6 3.5 dia (11.3) M3.5 Locking mechanism**

- Lead wire length: approx. 250
 CSK4-L and CSK4-LW are not provided with reset button nor locking mechanism. CSK4 and CSK4-W are not provided with locking mechanism.

CSK4/K

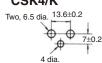




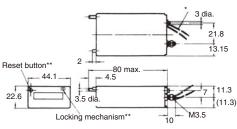
Mounting Holes CSK4-W/KW/LW



CSK4/K

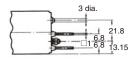


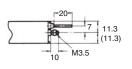
CSK6-W/KW/LW



- Lead wire length: approx. 250
 CSK6-L and CSK6-LW are not provided with reset button nor locking mechanism.
 CSK6 and CSK6-W are not provided with locking mechanism.

CSK6/K

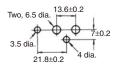




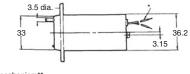
CSK6-W/KW/LW

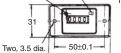


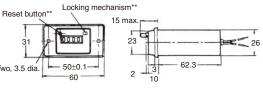
CSK6/K



CSK4-YW/YKW/YLW

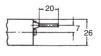






CSK4-Y/YK/YL





CSK4-YW/YKW/YLW CSK4-Y/YK/YL



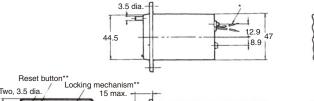
- * Lead wire length: approx. 250
- CSK4-YL and CSK4-YLW are not provided with reset button nor locking mechanism CSK4-Y and CSK4-YW are not provided with locking mechanism.

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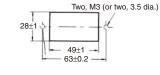
CSK6-YW/YKW/YLW

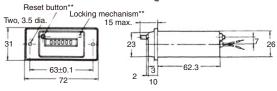
CSK6-Y/YK/YL

CSK6-YW/YKW/YLW CSK6-Y/YK/YL









ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

In the interest of product improvement, specifications are subject to change without notice.

Lead wire length: approx. 250 CSK6-YL and CSK6-YLW are not provided with reset button nor locking mechanism. CSK6-Y and CSK6-YW are not provided with locking mechanism.

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