



RC-14

48-mm□ 6-digit 7-segment LED, One-stage Preset, DC Power Supply

CE

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

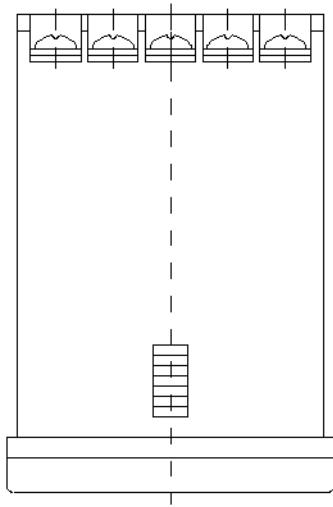
Model	RC-14	
Type	1-level preset counter/timer, DC type	
Operation method	Addition, subtraction	
Operation mode	Overcount, auto reset	
Return method	Manual reset, external reset, automatic reset (in auto reset mode)	
Display power	7-segment LED (character height: 10 mm)	
Number of digits	6-digit display, -99,999 to 999,999 ^{*1}	
Power off memory time	Approx 10 years (at 20°C 68°F)	
Mounting method	Panel mount (embedding), surface mount, DIN rail mount ^{*2}	
Highest counting speed	With contacts: 30 Hz, without contacts: 5 kHz (1:1 ON:OFF ratio)	
Input signal	No-voltage input (with contacts, without contacts [count input, inhibit input, reset input])	
Output	Control output	Maximum NPN open-collector output: 100 mA (40 V or less)
Control output	One-shot output time	0.01 s to 0.5 s (variable)
	Relay	15 ms or less (when set to 30 Hz), 3 ms or less (when set to 5 kHz)
DC output	—	
Rating	Power voltage	12 to 24 VDC ±10 %
	Power consumption	—
	Current consumption	150 mA or less
Environmental resistance	Insulation resistance	100 MΩ or more (tested with a 500 VDC megger) between all the external terminals and the case
Noise resistance	Square wave noise generated by a noise simulator, between the power supply terminals, 2 kV for 1 μs	
Environmental resistance	Ambient temperature	-10 to +50 °C 14 to 122 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Withstand voltage	1,000 VAC for 1 minute (between all the external terminals and the case)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions
	Shock resistance	100 m/s ² , 3 times in each of the X, Y, and Z directions
Weight	Approx. 120 g (main unit only)	

^{*1} Display uses the zero suppression method.

^{*2} Option OP-91867 is required to perform surface or DIN rail mounting.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.



RC-14

