RC-18

48-mm□ 4-digit 7-segment LED, One-stage Preset, AC Power Supply

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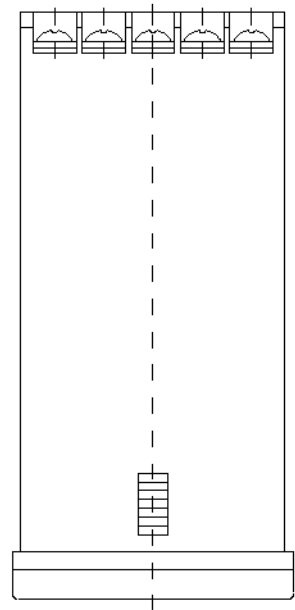
Specifications

Model		RC-18
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: 12 mm)
Number of digits		4-digit display, -999 to 9,999[*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	Relay output: 1c, 250 VAC, 3 A or less (resistive load)
Control output	One-shot output time	0.01 s to 0.5 s (variable)
	Relay	24 ms or less (when set to 30 Hz), 12 ms or less (when set to 5 kHz)
DC output		12 VDC ± 10%, 50 mA maximum
Rating	Power voltage	100 to 240 VAC ±10 %, 50/60 Hz
	Power consumption	9VA or less
	Current consumption	-
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. 170 g (main unit only)

[*1] Display uses the zero suppression method.
[*2] Option OP-91867 is required to perform surface or DIN rail mounting.

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Dimensions

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

RC-18

48

48

100

8

92

45×45