

Hour meters / timers, electronic

LCD time modules

Max. time range 9999.99 h (DC)

194



The timer module of the type 194 for PCB mount features a 6-digit LCD display and 2 voltage ranges (4.75...15 V DC and 9...60 V DC).

It is extremely robust and suitable for many different applications thanks to its wide temperature range.



Timer



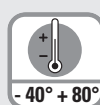
Power supply



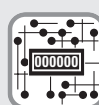
Input type



High shock resistance



Temperature range



PCB mount



LCD display



Electrical reset

Powerful

- Display range up to 9999-99 hours.
- 6-digit LCD display, 6 mm high.
- Low power consumption.
- Wide voltage and temperature range.
- Very high shock and vibration resistance.

Simple

- Non-volatile memory (no battery).
- Counting starts as soon as power supply is applied.
- Electrical reset.
- Very high reliability.
- Small size and low cost.

Order specifications

Power supply

4.75 ... 15 V DC

9 ... 60 V DC

Order no.

6.194.012.F00

6.194.012.G00

Art.-No.

162 137

162 138

Delivery specification

- LCD hour meter module type 194
- Operating instructions

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

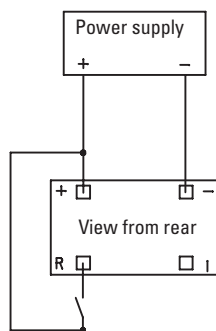
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Technical data

General technical data		Mechanical characteristics	
Display	6 digits, LCD display, figure height 6 mm [0.24"]	Housing	color black
Display range	9999.99 h	Weight	approx. 8 g [0.28 oz]
Data backup	CMOS EEPROM non-volatile memory up to 10 years	Shock resistance acc. to DIN-IEC 68-2-27	550 m/s ² , 11 ms
Operating temperature	-40°C ... +85°C [-40°F ... +185°F] (non-condensing)	Vibration resistance acc. to DIN-IEC 68-2-6	50 ... 200 m/s ² , 10 ... 80 Hz
Working temperature	-20°C ... +80°C [-4°F ... +176°F] (non-condensing)	Inputs	
Storage temperature	-50°C ... +90°C [-58°F ... +194°F]	Reset input	HIGH 4 ... 60 V DC LOW 0 ... 0.7 V DC pulse length min. 1 ms, edge triggered (rising)
Electrical characteristics		Measuring error	a max. error of 36 sec. occur per Start/Stop cycle
Power supply	...F00 4.75 ... 15 V DC, with reverse polarity protection ...G00 9 ... 60 V DC	Accuracy (Quarz)	max. 200 ppm 25°C [+77°F]
Current consumption	...F00 8 mA at 4.75 ... 15 V DC ...G00 6 mA at 9 ... 60 V DC	勝特力材料 886-3-5753170 勝特力电子(上海) 86-21-34970699 勝特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw	
EMC standards	EN 55011 class B EN 61000-6-2, EN 61000-6-3 EN 61326-1		
The module must be protected against inductive voltage spikes and high energy noise interference.			

Terminal assignment



Dimensions

Dimensions in mm [inch]

