

Hour meters / timers, electronic

LCD time modules	Max. time range 99999.9 h (DC)	198
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The timer module of the type 198 with 6-digit LCD display for PCB mounting features a wide voltage range from 4.5 to 28 V DC.

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



Hour meters / Timers

Timer	DC 4,5... 28 V	PNP	High shock resistance	Temperature range - 40° + 85°	PCB mount	LCD display 6 LCDs	Electrical reset

Powerful

- Display range up to 99999.9 hours
- 6-digit LCD display, 5 mm high
- Low power consumption
- Wide voltage and temperature range
- Very high shock and vibration resistance

Simple

- Non-volatile memory (no battery)
- Start/Stop input
- Electrical reset
- Very high reliability
- Small size and low cost

Order specifications

Power supply
4.5 ... 28 V DC

Order-No.
6.198.012.300¹⁾

Delivery specification
- LCD counter module type 198
- Operating instructions

General technical data	
Display	6 digits, LCD display, figure height 5 mm [0.20"]
Display range	99999.9 h
Data backup	CMOS EEPROM non-volatile memory up to 10 years (without battery)
Operating temperature	-40°C ... +80°C [-40°F ... +185°F] (non-condensing)
Humidity	95 % RH +32°C [+90°F] for max. 2 hours

Mechanical characteristics		
Housing	Dimensions	18.4 x 32.4 mm [0.72 x 1.28"]
	Colour	black
Weight		approx. 8 g [0.28 oz]
Vibration resistance	acc. to DIN-IEC 68-2-6	10 ... 80 m/s ² , 10 ... 75 Hz

Inputs	
Start/Stop input (Enable input timer)	4.5 ... 28 V DC On-times smaller than 16 sec will not be counted
Reset input	4.5 ... 28 V DC pulse length min. 500 ms

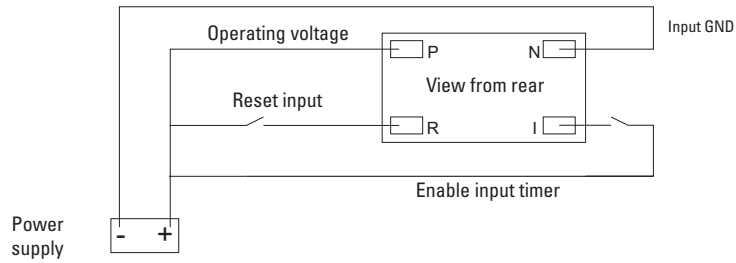
Electrical characteristics		
Power supply	4.5 ... 28 V DC	
Current consumption	3 mA max. at 4.5 V DC 10 mA at 28 V DC	
EMC	Emitted interference	EN 61000-6-3 EN 55011 class B
	Immunity to interference	EN 61000-6-2
The module must be protected against inductive voltage spikes and high energy noise interference.		

1) Stock types

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Terminal assignment



Dimensions

Dimensions in mm [inch]

