

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 8 to 28 V DC.

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



Timer	Supply voltage 8 ... 28 V	Input type PNP	High shock resistance	Temperature range -40°... +85°C	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

Supply voltage
8 ... 28 V DC

Order no.
6.198.012.H00¹⁾

Delivery specification
· LCD counter module type 198
· Operating instructions

1) Stock types

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Technical data

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 / working / storage temperature	-40 °C ... +80 °C [-40 °F ... +185 °F] (non-condensing)
Humidity	95 % RH at +32 °C [+90 °F] for max. 2 hours

Mechanical characteristics		
Housing	dimensions	18.4 x 32.4 mm [0.72 x 1.28"]
	color	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	

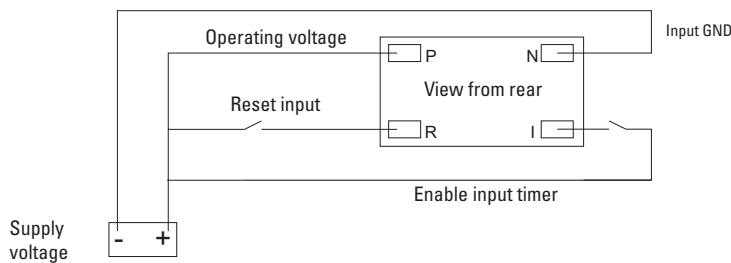
Inputs	
Start/Stop input (Enable input timer)	8 ... 28 V DC On-times smaller than 16 sec will not be counted
Reset input	8 ... 28 V DC pulse length min. 500 ms

Electrical characteristics	
Supply voltage	8 ... 28 V DC
Current consumption	3 mA max. at 4.5 V DC 10 mA at 28 V DC

The module must be protected against inductive voltage spikes and high energy noise interference.

Approvals		
CE compliant in accordance with		
EMC Directive	2014/30/EU	
RoHS Directive	2011/65/EU	
Low Voltage Directive	2014/35/EU	
UKCA compliant in accordance with		
EMC Regulations	S.I. 2016/1091	
RoHS Regulations	S.I. 2012/3032	
Low Voltage Regulations	S.I. 2016/1101	

Terminal assignment



Dimensions

Dimensions in mm [inch]

