LCD Time Modules – 194

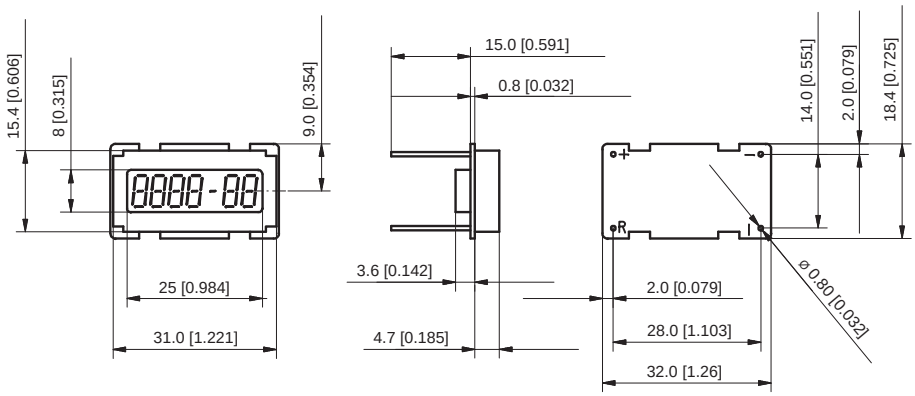
- 6-digit display, 6 mm [0.236“] height
- Time range 9999-99 hours
- Wide operating voltage and temperature range
- High reliability
- Low cost and small size
- Low operating current
- Very high shock and vibration specs

Technical data:

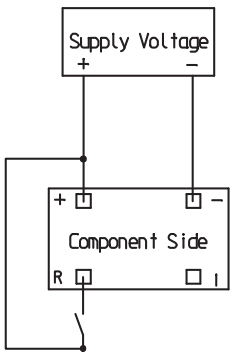
Supply:	1. 4.75 ... 15 V DC 2. 9 ... 60 V DC reverse polarity protection
Current consumption:	1. 8 mA at 4.75 ... 15 V DC 2. 6 mA at 9 ... 60 V DC
Reset input:	high 4 ... 60 V DC; low: 0 ... 0.7 V DC pulse length min. 1 ms edge triggered
Display:	7-digit display, figure height 6 mm [0.236“]
Data backup:	EEPROM
Housing:	dimension 18 x 33 mm [0.709 x 1.299“]
Colour:	black
Display:	9999-99 hours
Measuring error:	max. 4 s
Measuring error of the quartz clock:	max. 200 ppm (25 °C) [77 °F]

Working temperature:	–20 ... + 80 °C [–40 ... 176 °F]
Operating temperature:	–40 ... + 85 °C [–40 ... 158 °F]
Storage temperature:	–50 ... + 90 °C [–58 ... 194 °F]
EMC:	Immunity to interference: EN55011 class B Emitted interference EN61000-6-2
Weight:	approx. 8 g [0.282 oz]
Memory capacity:	CMOS EEPROM. non-volatile memory has data retention in excess of 10 years
Shock resistance acc. to DIN-IEC 68-2-27:	550 m/s², 11 ms
Vibration resistance acc. to DIN-IEC 68-2-6:	50 ... 200 m/s², 10 ... 80 Hz
Needs protection from inductive voltage spikes and high-energy interference	

Dimensions:



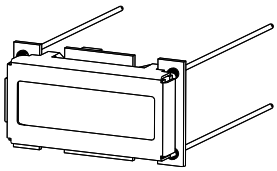
Connecting diagram:



Order code:

LCD Hour Meter Module Type 194:

4.5 ... 15 V DC:	Order-No.: 6.194.012.F00 Art-No.: 162 137
9 ... 60 V DC:	Order-No.: 6.194.012.G00 Art-No.: 162 138



Delivery specification:

– LCD Hour Meter Module Type 194
– Operating instructions