

Panel mounted timer, delay time Programmable timer

• **Monostable or astable mode**

Monostable from 0 to 999 minutes, start by external contact.

Astable with configurable ON and OFF time from 0 to 999 seconds allowing to manage duty cycles.

• **1A switch over contact relay output**

• **Led display 1000 points**

Display of remaining time

Led for output relay state indication



• **All other special timing function on request.**

The TML94 is a miniature built-in timer, allowing to managed power-up times, or to generate a duty cycle. It permanently displays the current cycle remaining time.

Description :

Le TML94 can generate a delay from 0 to 999 minutes or a duty cycle from 0 to 999 seconds. It have a 3 digits 7 segments LED display to visualize the remaining time and 2 buttons for configuration (monostable or astable and the times adjustment). The external input at the rear of device is used to starting the timer in monostable mode. The output relay is activated during the time delay, and deactivated at the end of time (display = 0).

Features:

- DIN panel case : 72 x 36 mm
- Screw terminal blocks 1.5mm²
- Conformal coating.
- Protection rating IP54 (front face)

Power supply:

Universal not polarized power supply. 3 versions :
20Vac....70Vac/dc ; 85Vac....265Vac/dc ; 11Vdc.....30Vdc.
consumption < 2 VA

Relay

Changeover contact	1500 Vac isolation
Switching capacity	1 A / 250 V
Switching (life time)	5.10 ⁷ at 100 mA ; 1.10 ⁶ at 1 A

Environment:

Operating temperature:	-20 to 60 °C
Storage temperature:	-40 to +85 °C
thermal drift (% of full scale)	< 0.02 % / °C
Humidity	85% (not condensed)
protection rating:	IP 54 (without buttons)
Dielectric strength :	2500 Vac (Supply / input / relay)
weight:	150 g
MTBF (MIL HDBK 217F)	> 3 000 000 Hrs @ 25°C
Life time	> 170 000 Hrs @ 30°C

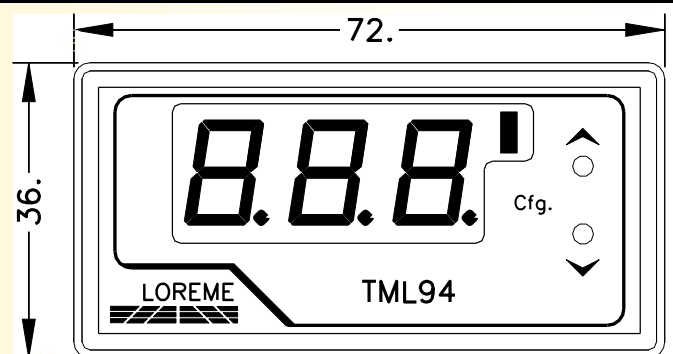
Electromagnetic compatibility :

Electromagnetic compatibility 2004/108/CE / Low Voltage Directive 2006/95/EC

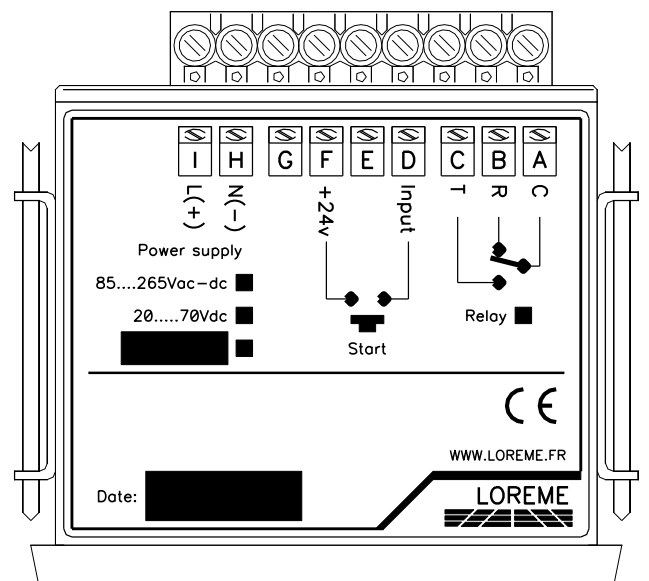
Immunity standard for industrial environments EN 61000-6-2		Emission standard for industrial environments EN 61000-6-4
EN 61000-4-2 ESD	EN 61000-4-8 AC MF	EN 55011 group 1 class A
EN 61000-4-3 RF	EN 61000-4-9 pulse MF	
EN 61000-4-4 EFT	EN 61000-4-11 AC dips	
EN 61000-4-5 CWG	EN 61000-4-12 ring wave	
EN 61000-4-6 RF	EN 61000-4-29 DC dips	



WIRING AND OUTLINE DIMENSIONS



panel cut-out : 68.5 x 32.5 mm



Version and order code: Request a quote

TML94 : Power supply to be defined at order