Large Display - Timer OC57-T

- ✓ Timer with START-STOP-RESET
- ✓ 57mm, 100mm, 125mm Digits
- ✓ 6 digit Display 999999
- ✓ Selectable Display Formates
- ✓ Options: DCF77 Synchronizing
- ✓ Supply 115/230VAC

Large Displays OC57-T are programmable Timers with 57mm, 100mm or 125mm display size. The timer function is controlled with external signals at three inputs START, STOP and RESET.

The keyboart at the rear permits the selection of the desired display format:

23.59.59	HH.MM.SS (Real Time Clock)
99.59.59	HH. MM. SS (99 hours)
999999	Seconds
9999 S	Seconds with "S" symbol
999.9 M	Minutes with decimal format
999.5 M	Minutes with 60 format
59.59.99	MM. SS. $^S/_{100}.^S/_{100}$

The Time Base calibration can be performed with the keyboard at the rear panel. A scale constant with a sign + or - can be set in order to speed-up or slow-down the internal clock.

The display has six red high intensity digits with decimal points. The aluminum cabinet is for panel or wall mount and is IP65 screened at the front.

The keyboard and the I/O connectors are placed at the rear panel.

The large displays are made as **Proces Monitors** without any control function, or as **Controllers** with Analog Outputs, Serial Data Ports and Set Point Relay or Transistors.

SPECIFICATIONS

DISPLAY
0... 999999, 7 segment red LED, 57, 100 or 125mm digit size with decimal points.

TIME BASE
Precision time base with accuracy of 50ppm/K can be trimmed with the keyboard for highest accuracy timings.

INPUTS
5 … 24V positiv pulses for START, STOP and RESET. An Excitation of 5V is available at the rear input connector.

KEYBOARD
The keyboard at the rear panel with 5 keys can be used for the selection of the display format and for the settings of the time base scaling correction.

SUPPLY
115/230V ±10%, 48 - 60Hz

OPTIONS

REMOTE CONTROLS
For the control of the display functions a Remote Wireless Control Box is optionally available.

SERIAL DATA PORTS
RS 232 and RS 485, with 8 bit, no Parity, 1 Start, 1 Stop, 300-19200 Bd. The address 0 activates RS232. One of addresses 01-31 activates RS485.
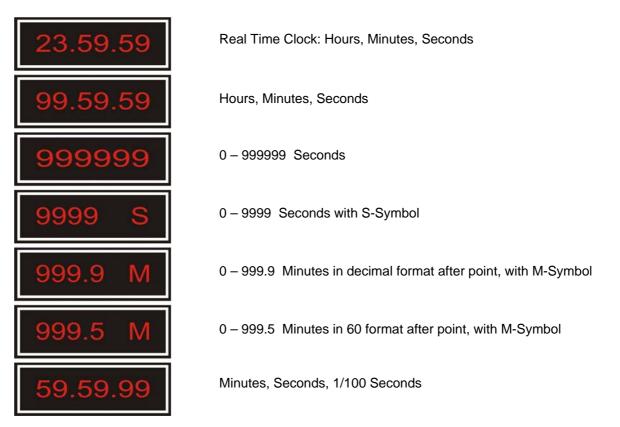
SET POINTS
Two or four 6 digit Set Points with 60V/100mA open collector NPN Transistors or mechanical Relay 5A-230VAC are available.

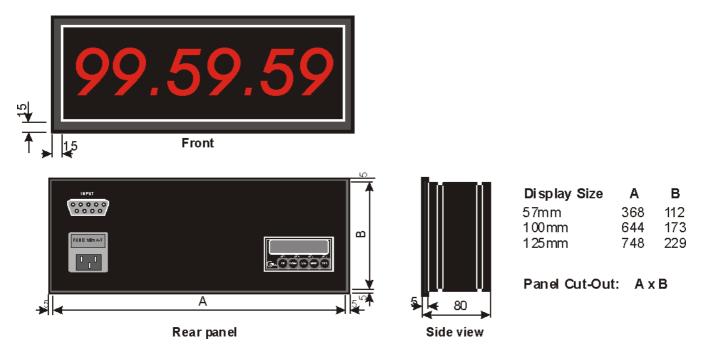The Set Points can be set within the entire display range of 0-999999.

DCF77- SYNCHRONIZING
The digital Clock will be automatically synchronized from the DCF77 Transmitter.

AVAILABLE DISPLAY FORMATS

23.59.59	Real Time Clock: Hours, Minutes, Seconds
99.59.59	Hours, Minutes, Seconds
999999	0 – 999999 Seconds
9999 S	0 – 9999 Seconds with S-Symbol
999.9 M	0 – 999.9 Minutes in decimal format after point, with M-Symbol
999.5 M	0 – 999.5 Minutes in 60 format after point, with M-Symbol
59.59.99	Minutes, Seconds, 1/100 Seconds

DIMENSIONS

99.59.59

15

15

Front

INPUT

FUSE 100mA-T

A

B

5 5

5

80

Rear panel

Side view

Display Size	A	B
57mm	368	112
100mm	644	173
125mm	748	229

Panel Cut-Out: A x B