zenitel

DATASHEET

3005050028

Marine Master Clock 70000

123378-01 Marine Master Clock 70000



Description

- Accuracy +/- 0.1 sec./24 hours
- Wide range of different slave clocks
- Easy cabling and calibration
- Accessories and options like radio or satellite
- Signal receivers, RS232C/RS485 interface
- Alarm outputs, etc.
- Automatic summer-winter time change-over

Marine Master Clock is the ideal solution for distribution of both Local and UTC time on board ships. The Master Clock is equipped with several outputs and inputs for control of Slave Clocks as well as distribution of time to computers and other equipment needing the correct time. The four Slave Clock outputs can be individually programmed for different types of

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clocks. External radio receivers / time synchronisation sources can be connected when higher accuracy is needed.

The clock is also used for the control and regulation of various energy consumers such as electrical striking plates and buzzers for pause signalling. The master Clock has a built-in yearly programmer with two relay outputs.

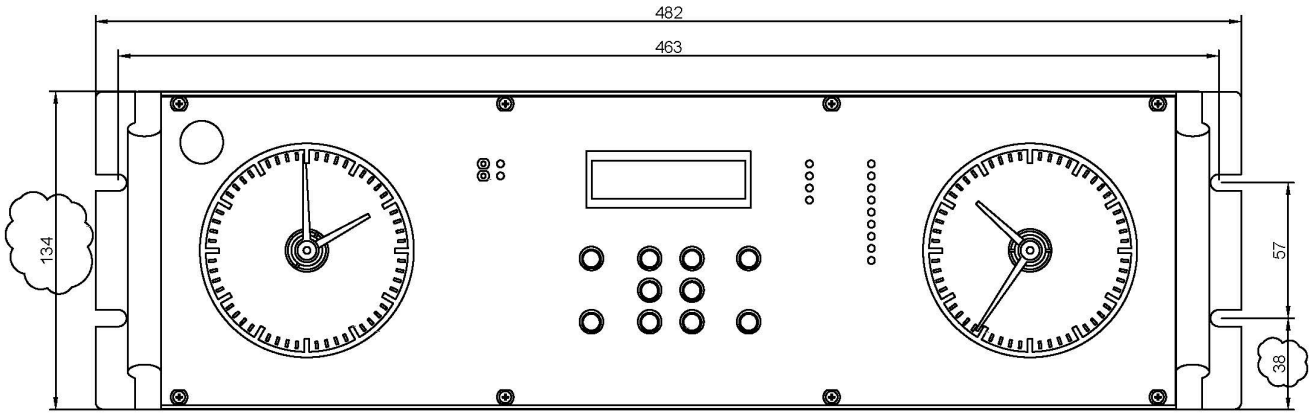
The Master Clock is equipped with 10 buttons and a 2 x 16 character LCD. To facilitate the change of time zones, two of the buttons are dedicated to this purpose. A light dimmer makes it possible to adjust the background-illumination to the surrounding light level.

Technical Dimensions

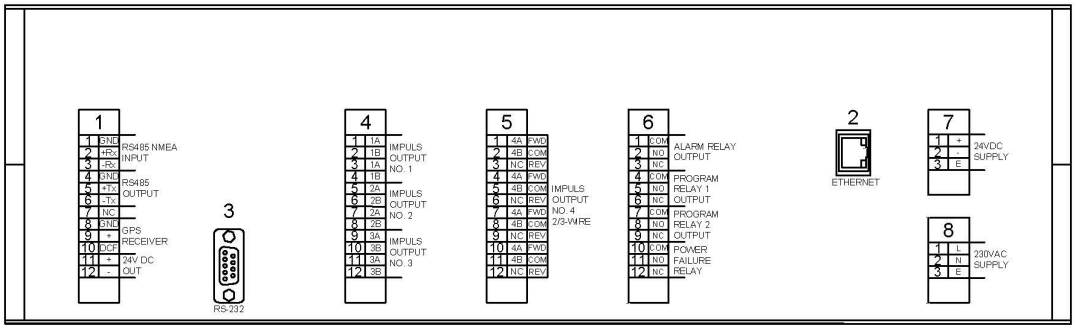
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Note: Ethernet port 2 to be used for Type 123378-11 o.no.3005050029

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Specifications

GENERAL

Crystal frequency	T4,915200 MHz
Accuracy	0,1 sek./24 hours (+20C°)
Microprocessor	HD6412394
Time memory	30 days (Back-up with Super Capacitor)
Impulse memory	72 hours
Ambient temperature	0° C to +50°C
Relative humidity	Max. 85% non-condensing
Case	19” case according to drawing 084477-00, material aluminium. H=3U
IP class	IP-20
Weight	5.6 kg
CE-approval, EMC	Emission according to EN61000-6-3, Immunity according to EN61000-6-2
Supply voltage	90-264VAC 50/60Hz (Standard) / 24V DC
Power Consumption	65W (max)

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ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
3005050028	70000 Marine Master Clock	5.6 kg
Optional equipment:		
3005050029	70000L Marine Master Clock with network time server	5.6 kg
3005050031	70100 GPS receiver for master clock	0,3 kg
Slave clocks	See catalogue	

Accessories



122980-60 GPS/GNSS receiver

Master Clock System

Item Number: 3005050031

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