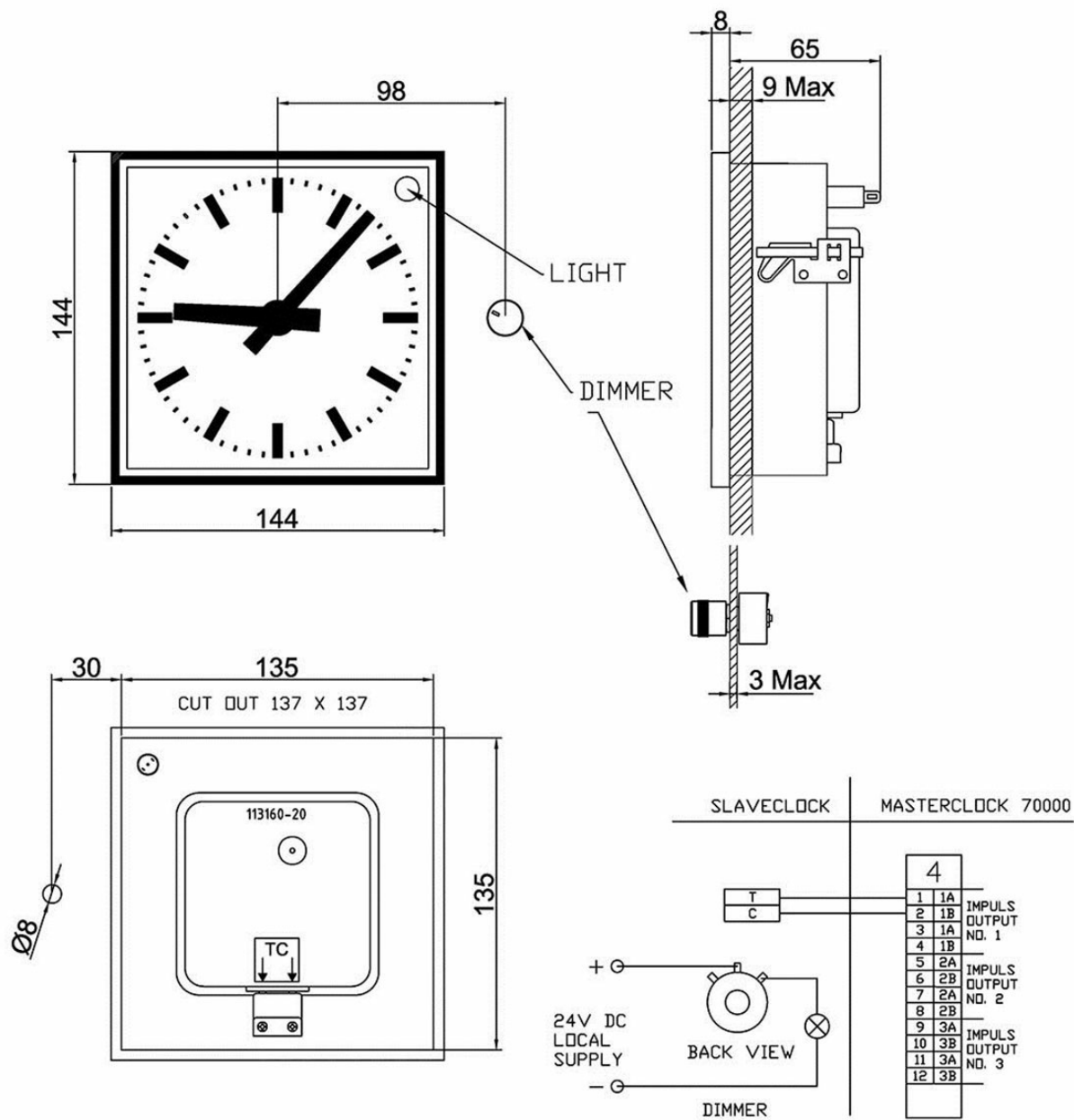2310601035

170130-10

144x144MM, TC-M

Description

✓ The clock is equipped with an adjustable background light and has black hour and minute hands

✓ External dimming potentiometer is included in the package

✓ The hands are protected by a plain acrylic glass

✓ DCF format with time zone adjustment

✓ 2-wire bus connection with power and serial time code

The analog clock for wired DCF Time-Code from Marine Master Clock provides the possibility to create a time distribution system, with high accuracy and high reliability. The clock is intended for connection to a 2-wire bus which combines power supply and serial Time-Code. A built-in microprocessor receives the Time Code, reads the position of the hands, and sets the clock to the correct time. The Time-Code, built up according to the DCF-format, contains information about year, month, day hour and minute. At each minute shift, seconds are synchronised as well. The transmission speed is 1 bit/second. A 24VDC power supply for the built-in electronics is combined with the Time-Code. The clock is intended for time zone adjustment from a Marine master clock.

Technical Dimensions

98

144

144

8

65

9 Max

LIGHT

DIMMER

3 Max

30

135

CUT OUT 137 X 137

135

113160-20

TC

Ø8

SLAVECLOCK   MASTERCLOCK 70000

T
C

+

24V DC
LOCAL
SUPPLY

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BACK VIEW

DIMMER

4		
1	1A	IMPULS
2	1B	OUTPUT
3	1A	NO. 1
4	1B	
5	2A	IMPULS
6	2B	OUTPUT
7	2A	NO. 2
8	2B	
9	3A	IMPULS
10	3B	OUTPUT
11	3A	NO. 3
12	3B	

Specifications

GENERAL

Mounting	Console mounting
Housing	Anodized aluminium
Colour	Black frame, white face, black hands and marks
Dimensions (mm)	144W x 144H x 56D
Connection	2 wire
Connection voltage	24VDC combined with serial Time-Code
Type of time code	DCF-format with Time zone adjustment.
Microcontroller	PIC16F628
Temperature range	-20°C to +50°C
Power consumption	15 mA

PRODUCT VARIANTS

2310601037	170130-NTP, Slave clock 144x144mm NTP PoE

Used With

Marine Master Clock 70000

123378-01 Marine Master Clock 70000

Marine Master Clock with Network Time Server, 70000L

123378-11 Marine Master Clock 70000L With Network Time Server