PSK Controllers Ltd.

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MOD-10TD HTD Temp / Humidity

∗ Temperature / Humidity
∗ Number of segments: 4 or 6
∗ Coating: Co: Coated Nil: Regular
∗ Sealed: Se: Sealed IP67 Nil: Flux proof
∗ Type: RTD: PT100
∗ Segment height: 2.3", 4", 5", 7"
∗ Operation Voltage: 240, 110, 24VAC 50/60Hz.

General description

The MOD-10TD-HTD- LXX inch is designed to be usedin an industrial or public environment where a large highly visible display is needed. All of the digits are equal in total height and displays accurately and intelligibly from 40m upto 160m away. The MOD-10TD-HTD - LXX can be used ina wide variety of applications with no additional equipment. It can be displayed on a wall or a top ceiling. It comes standard with 240V 50-60 Hz.

Features

- Visible 40-160m
- Aluminum case
- 1 year warranty
- Super Bright Led Display
- Back panel Control
- Display Time 24h
- Wired Control
- RS 232
- Control Displays Time and day
- Displays Time, Humidity and Temperature
- IP68 Sealing
- Wide input voltage Range

General specifications

- Led Display: 7 segment; red LED display (refer to table bellow).
- Display: temperature, humidity.
- Power source: work with wide voltage Ranges.
- Measurement Humidity: 0~100% RH
- Measurement Temp: 0~100°C, (-20°~+80°C).
- Accuracy (At 25°C): + 2% RH, +0.3^{o}C.
- Long-term Stability: Better than 1% RH per year (Typical).
- Temp. Compensation: + 0.008%RH/ C (Effect @ 0% RH).
- Operating Temp:-10º to 49º C (32º to 120º Fahrenheit).
- Case: Aluminum black powder coated casing with red acrylic front glass.
- Case dimensions: refer to case dimensions table (1).
- Visible: 40-160m (Related to segment size).
- Sealing proof: IP42

Safety summary

All safety regulations, local codes and instructions that appearin this and corresponding literature, or on equipment, must be observed to ensure personal safety and to prevent damage to either the instrument or equipment connected to it. If equipment is used in a manner not specified by the manufacturer,the protection provided by the equipment may be impaired.

The protective conductor terminal is bonded to condtive parts of the equipment for safety purposes and must be connected to an external protective earthing system.

CAUTION: Risk of Danger
Read complete instructions prior to installation and operation of the unit.

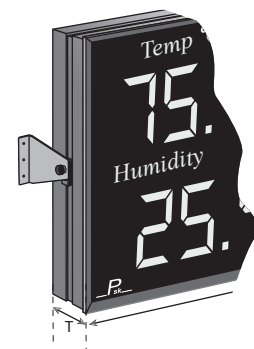CAUTION: Risk of electric shock.

Installation

INSTALLATION ENVIRONMENT:
The unit should be installed in a location that does not exceed the operating temperature. Placing the unit near devices that generate excessive heat should be avoided. The unit should only be cleaned with a soft cloth and neutral soap product. Do NOT use solvents.Continuous exposure to direct sunlight may the front overlay. Do not use tools of any kind (screwdrivers, pens, pencils, etc.) accelerate the aging process of to operate the keypad of the unit.
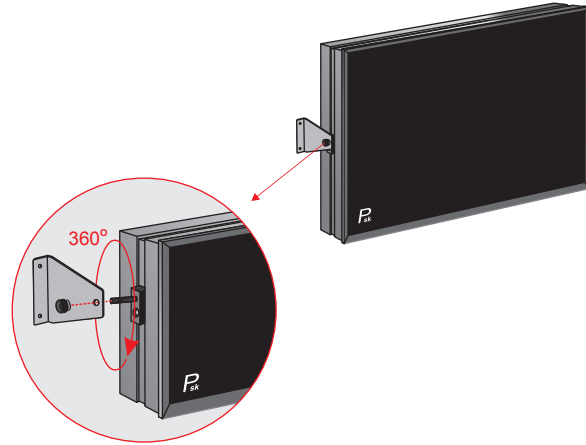
MOUNTING INSTRUCTIONS:
This display is designed to be wall mounted or suspended from a ceiling truss or other suitable structure capable of supporting the MOD-10TD HTD. Caution should be exercised when hanging the display to provide for the safety of personnel. If hanging the 10TD HTD, run the suspension cables (or chains) through the mounting bracket holes.
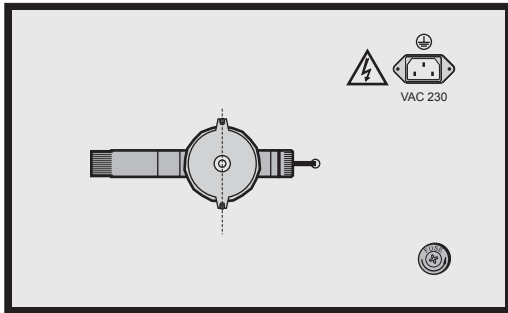
CE

Technical Data

- Display: Red led 4" seven segment
- Number of segments:
  6 digits display time
  3 digits- display temperature
  3 digits display humidity
- Housing: Epoxy paint coated aluminum White / Black
- Fixture: 2 metal backet 360°
- Temperature / Humidity sensor fixed on the back panel
- Updating options:
  3 fixed buttons on the back panel
  3 remote control button (refer to the picture below)

Back Panel

Ordering information

MOD-10TD HTD Co - Se - H - V - C - L

1	1	2.3"	230VAC	black	indoor
R	F	4"	110VAC	white	outdoor
		5"	24VAC		
		7"			

Co: 1 = Coted   R = Regular
Se: 1 = Sealed IP67   F= Flux Proof
H : Segment digit
V : Operating Voltage
C : Box Color
L : Installation Location