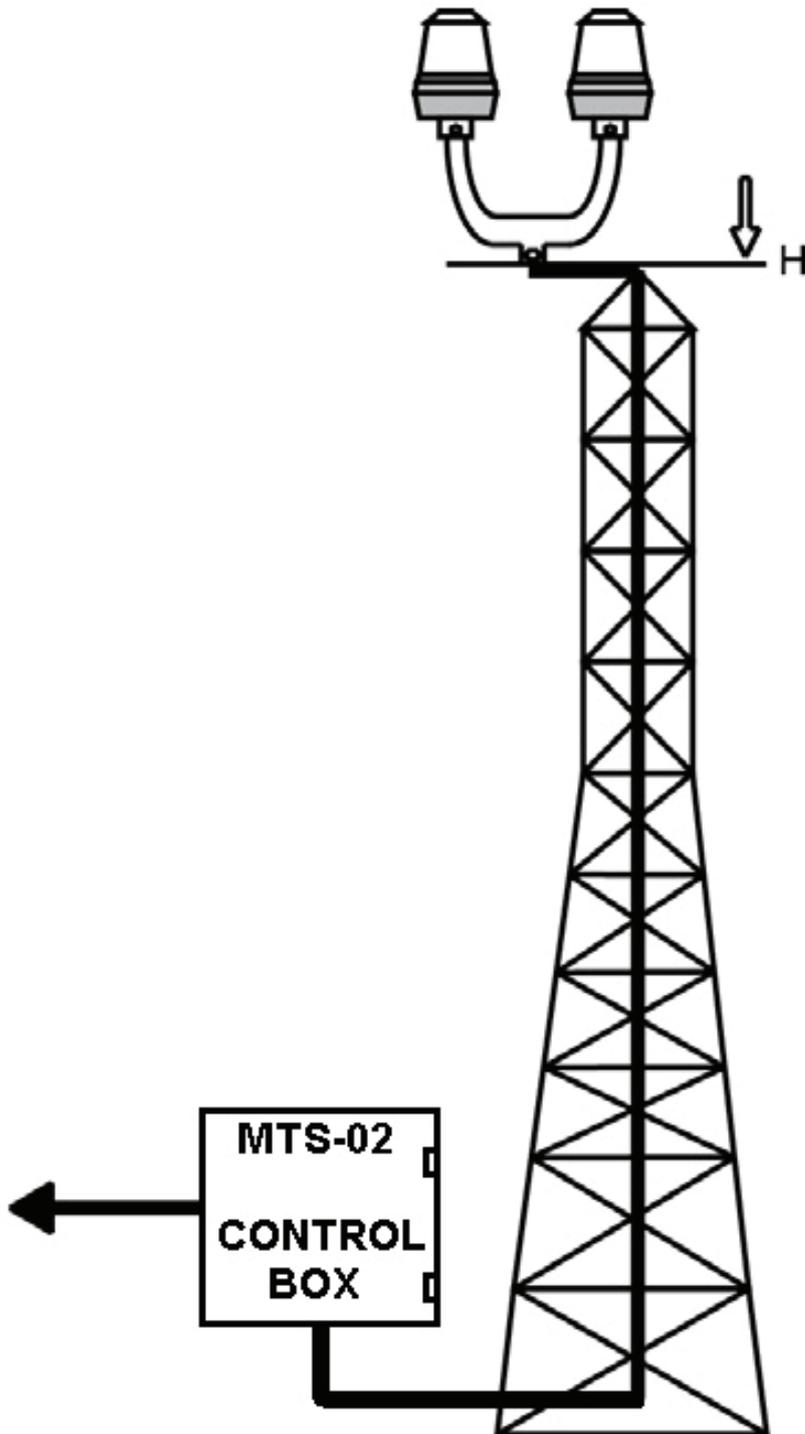


AIRCRAFT WARNING LIGHT

PRODUCT CODE: MTS-02



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1.GENERAL SPECIFICATIONS :

System consists of one unit double lamp armature and one unit control box. System operates under the control of micro-processor and photocell so automatically turns the system on when ambience gets dark and turns it off when the ambience gets lighten. Upon request in ordering process, system options below are available.

1.1 Supply Voltage:

12V AC/DC - 24V AC/DC - 48VAC/DC - 110V AC/DC - 220V AC

1.2 Lamp Type:

Led Lamp: Mitaş Lamps are specially designed and manufactured by MTS Mitaş A.Ş. Due to lamps completely made by leds, they have very long working lifes. (100.000 hours). Mitaş Aviation Warning Lights has 2 years warranty.

1.3 Backup Systems:

System has two lamps on two separate arms. While one of the lamps is working the other lamp waits as a spare.(Figure-1) If active lamp fails, it sends a failure code to the spare one and turn the spare one on after 3 seconds.

1.4 Simultaneous Systems:

Two lamps on two arms works simultaneously. (Figure-2) If one of the lamps fails it does not effect the other lamp.

1.5 Failure Warning Systems:

With this option, user is able to control the operation of system from a distant place. User installs the system by connecting failure outputs (COM: common – NO: normally open NC: normally close) to sounded or lighted warning device. In case of any failure, lamps send warning to failure warning unit inside the control box. By means of Failure Warning System, problem is solved in a short time.

1.6 Blink System:

Lamps blinks 20-40 times in a minute.

1.7 Continuous System: On this option system works continuously.

1.8 Operating Temperature: -55° C / +85°C

1.9 Operating Frequency: 50-60 Hz

1.10 Cable Specifications:

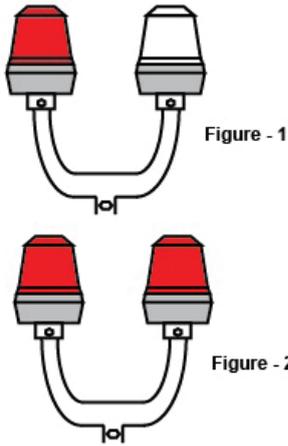
a-Between control box and Armature 4x1.5 mm²

b-Between control box and power supply : AC input-3x1.5mm² , DC input-2x1.5mm²

c- Between control box and failure warning equipments : 2x1.5mm²

*NYY and LIYCY cable types are recommended, nevertheless the cable types are determined due to customer.

*Cable length must calculated due to cable lengths, tower length and distance between power supply and control center.



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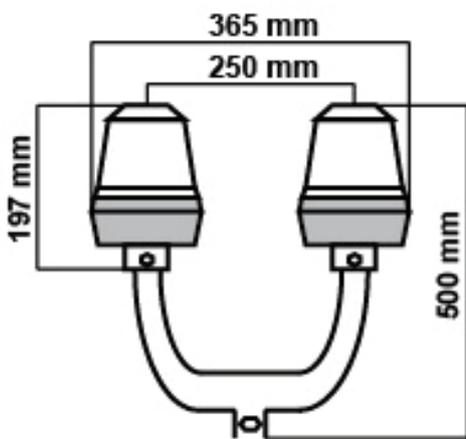


Figure 3

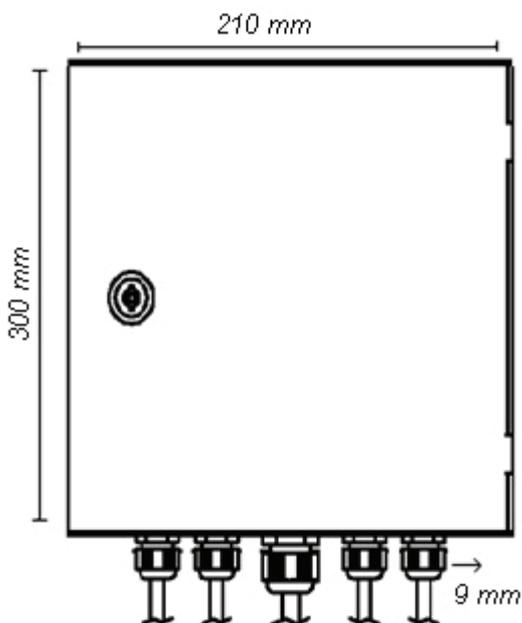


Figure 4

1.11 Mechanical Specifications:

A-Double Armature : (figure-3)

- 1-Armature Body: Aluminium Moulding
- 2-Armature Cover: Aluminium
- 3-Body Paint: Ral-7032 electrostatic Polyester
- 4-Bolts-Nuts-Washers: Coated
- 5-Lamp Protective Cover: Red polycarbonate
- 6- Protection Class: IP-65
- 7-Dimensions: 365mmx500mmx110mm (figure-3)
- 8-Weight : 2.8 kg

C-Control Box: (figure-4)

- 1-Body: Polycarbonate plastic (Burn&Breaking-Resistant)
- 2-Protection Class: IP-55
- 3-Dimensions: 210mm x 300 mm x 140 mm
- 4-Weight: 3 kg

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