



ASSEMBLY and OPERATING INSTRUCTION

TERM TOWER PALMS Heater (IP65)



Dear customer!

Please read the instruction carefully before using the appliance. It includes information vital for your safety and correct use of the appliance

Safety information.

- The instruction belongs to the appliance and must be kept in a safe place . When changing owners the instruction must be surrendered at the new owner.
- The appliance must be used only in a way described in the instruction and can be used in open area during rain.
- The appliance is not intended for use in animal farming and rearing.
- Do not use the appliance in flammable and combustible atmospheres.
- Connect the appliance only to an alternating current. Voltage as specified on the rating plate
- The appliance should be connected to the mains by a qualified electrician and according to the current regulations referring to electrical installation.
- The producer provides a supply cable at parameters appropriate for its connecting, along with the appliance.
- In the supply installation one should allow for a connector enabling a disconnection of the appliance from the mains on all poles.
- The supply cable should be placed in a way which will prevent from its damage or tripping over.
- In case of a cable damage during operating of the appliance the unit should be disconnected from power and notified to a qualified electrician for repair.
- Any liability of the producer and guarantee expires in case of damages caused by improper use and assembly or lack of obedience of safety regulations.
- If the appliance is installed in a place where high wind can blow or children can stay, the base of appliance must be anchored to the ground with pins - \varnothing 8x120.
- After switching the appliance on for the first time and following extended periods, the appliance can smell of burning for a short time.
- Never touch the heating elements during operating of the appliance and after switching it off within 20 minutes. Risk of Burns!
- After the operating period the appliance must be utilized according to appropriate regulations.

Cleaning.

- Disconnect the equipment from the power supply system before commencing cleaning.
- Do not use any abrasive or caustic cleaning agents.
- Clean with a soft, moistened lint.
- Do not touch the emitters with bare fingers since the deposited grease cause premature failure of the element . If it happens, clean the quartz with a soft cloth moistened with alcohol. Do not use denatured or spirit salicylic.

After-sales service

- All repairs must be carried out by a person having an adequate knowledge and qualifications.
- Any repairs carried out by unqualified personnel may cause loss of warranty

Note.

Unprofessional repair constitutes danger for users!

Unpacking the heater

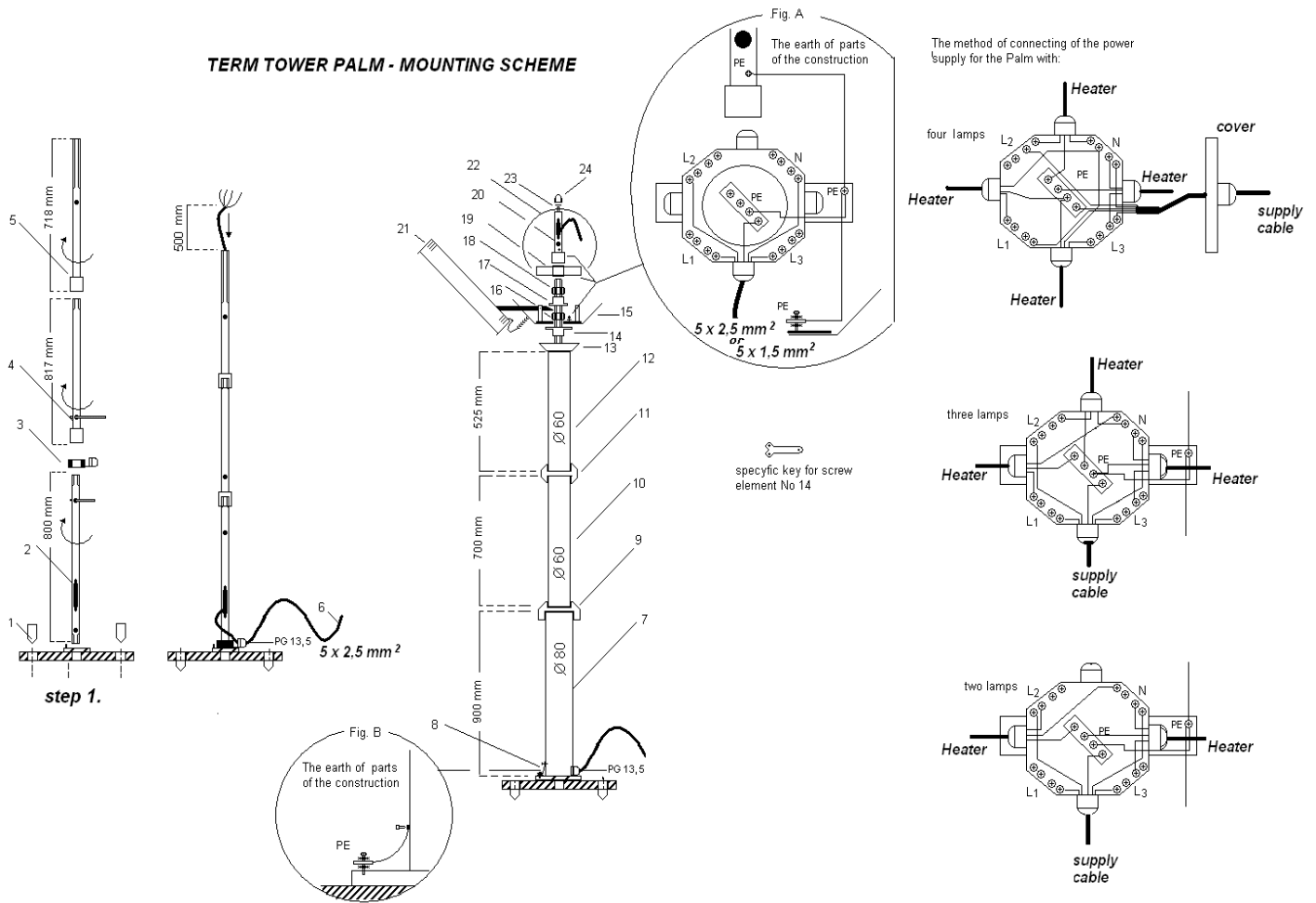
Before unpacking please check whether the package hasn't been damaged during transport. If so, and any elements of the appliance have got visible damages, please inform the producer.

After assembling the appliance the transport package should be removed according to proper regulations.

Assembly of the heater fig. 1

Fig. 1.

1.



Put the cast iron base on a horizontal plane.

Screw 6 pcs of level bolts (1) into the holes on the base circuit. Use a hexagon socket wrench. (If the base is to be affixed to the ground, 3 level bolts in every second hole will be enough).

Twist the steel tubes (2; 4; 5;) successively - create the heater pole. Use the steel bar $\varnothing 8$ attached to the heater.

2.

Put a screw gland (3) with the cord anchorage PG 13,5 on the base.

Put the pole through the hole of the screw gland and screw it into the hole of the cast iron base. In order to screw down the pole use the steel bar $\varnothing 8$ (pin).

3.

Put the supply cable (6) into the top hole of the pole and push it through to the down hole of the pole, next to the base.

Unscrew the cord anchorage and pull the end of the cable through its hole, then pull it out so that 50 cm of the cable exceeds the end of the upper part of the pole. Screw down the cord anchorage and block the supply cable.

4.

Subsequently put aluminum cover tubes and rings on the pole:

- a. the tube of 80 mm diameter (7), ring 80/60 (9);
- b. the tube of 60 mm diameter (10 longer), ring 60/60 (11);
- c. the tube of 60 mm diameter (12 shorter), ring (13).

screw tightly with a nut with a flange (14) using a special spanner attached to the Palm unit.

5.

Now put the element (15) and screw tightly brass nut (16).

To put the element (17) onto the threaded part of the construction and then screw the brass nut (18) remaining a gap between elements (16) and (17).

Now install heaters: put the heater arm on the fork so that end of the arm be find under the element (17). Next screw up it with the M6/20 screw. After mounting of the all heaters screw up the brass nut (18) up to the moment of reaching of the needed slope angle (usually 45°). Put on the element (19) on the element (20).

Pull the end of the supply cable through a tube (20) and pull it out through the longitudinal hole of the tube. Screw the tube (20) onto the pole - make sure that the supply cable is placed alongside the tube (20) to avoid coiling of the cable. Tight up the tube (20) using the steel bar ø8 (pin).

Make an electrical connection according to the diagram and earthing of elements of the constructions – according to fig."A" and "B". The bar steel M10 screw into the element (20) remaining 10mm of the steel bar.

Then put on the element (22), next put on the rubber and screw up with the M10 nut (24).

The recommended cross section of cables and power protections (fuse) for the TERM PALM heater

RCA heaters Total power in kW	Fuse/faze Time-lag „C”	Cross section of cable mm ² (length up to 10 mb)
4,0	10A	1,5
6,0	10A	1,5
8,0	10A	2,5

