

emotion of sauna.



ECON 45L09



GB Assembly and operating instruction


Made in Germany



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Installation guide for power control unit 16 A for each phase

The power control unit is delivered equipped for a voltage of 400 V AC 3N with a maximum breaking capacity of 16 A for each phase and with a safety shutdown in connection with our sauna control unit as standard.


 **Installation and connection of the sauna systems and other electrical equipment may be undertaken only by an expert; please note that this is subject to VDE 0100, Part 703/2006-02. Sauna systems may be connected to the power supply only by hard wire.**

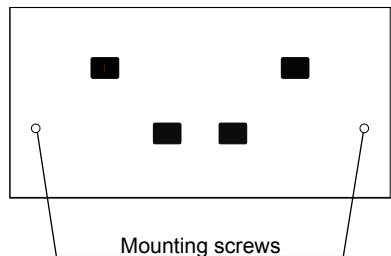
Before the power control unit can be fastened to the outer wall of the cabin, the covering of the control unit must be removed. For this, the two mounting screws (Illust. 1) are loosened. These screws are attached beneath the control panel dials as captive screws, but may be screwed open and closed through the visible holes in the operating panel with a small Phillips screwdriver. After the screws are loosened, the cover is removed.

Please observe that most sauna cabins have already been equipped with cable conduits for electrical wiring; in this case, the position of the unit is pre-determined.

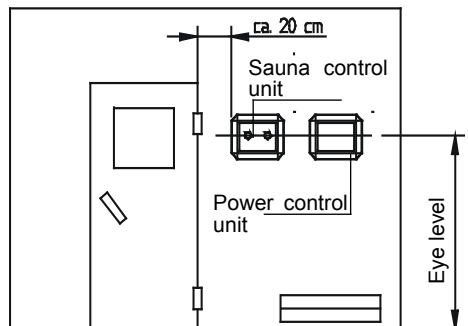
For the mounting of the unit, the mounting holes $\varnothing 3$ are drilled in accordance with the dimensions given in Illust. 3, and one of the provided wood screws 4 x 20, see Illust. 3.1, is screwed into the wood through the upper middle hole, leaving a 3mm section of the screw projecting out from the wall. The lower part of the unit is hooked onto this wood screw by its upper mounting hole.

Finally all connecting lines (see Illust. 4) are conducted through the respective feed-through conduits into the control unit. The lower part is finally fastened to the cabin wall through the two lower pre-drilled holes.

 **Attention:** It is forbidden to install the control unit in a closed switch cabinet or behind a wooden panelling!

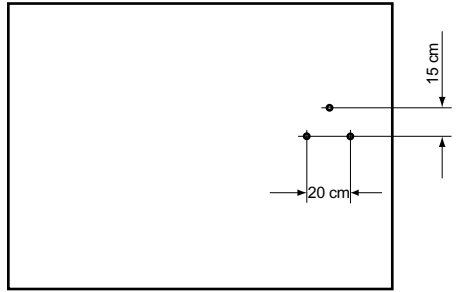


Illust. 1



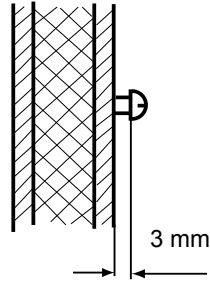
Illust. 2

If the sauna cabin is not equipped with cable conduits for the connecting lines, these lines must be laid directly onto the cabin wall, where they will be visible.

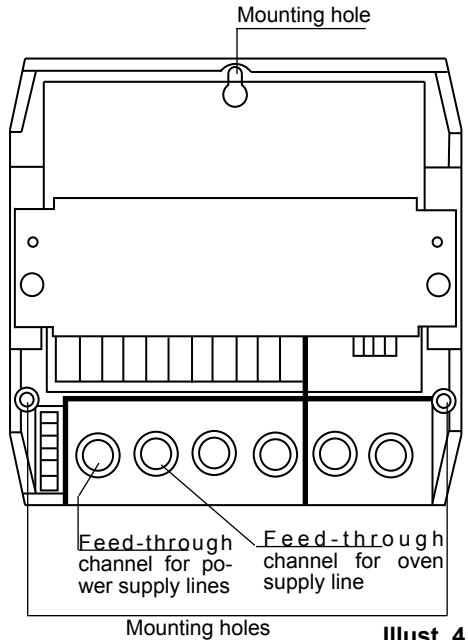


Illust. 3

The electrical installation may be accomplished only by a certified electrician subject to the regulations of the local power utility company and those of the VDE.

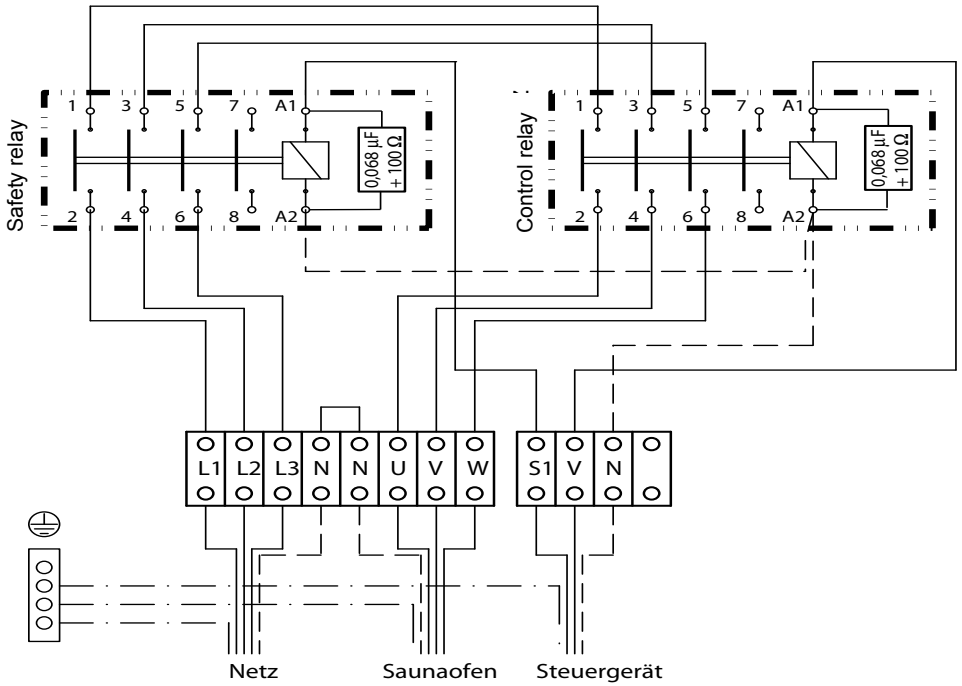


Illust. 3.1



Illust. 4

Wiring diagram Power Control Unit (LSG)



Achtung! Maximale Phasenschaltung 3 kW je Phase

Power supply

Sauna heater

Controlunit



Caution! Maximum phase load 16 A per phase.

Attention please! Cut-off all supply and control circuits before input to the connecting terminals.

Please keep this address in a safe place together with the installation guide.

To help us answer your questions quickly and competently, please provide data printed on the ID plate, to include system type, article no. and serial no., in all inquiries.

Service Address:

EOS-WERKE GÜNTHER GmbH
Adolf-Weiß-Straße 43
35759 Driedorf-Mademühlen, Germany
Fon: +49 (0)2775 82-0
Fax: +49 (0)2775 82-431
servicecenter@eos-werke.de
www.eos-werke.de

Guarantee

The guarantee is taken over according to the legal regulations at present.

Manufacturer's warranty

- The period of warranty starts from the date of purchase and lasts up to 2 years for commercial use and 3 years for private use.

- Always include the completed warranty certificate when returning equipment.

- The warranty expires for appliances which have been modified without manufacturer's explicit agreement.

- Damages caused by incorrect operation or handling through non-authorized persons are not covered under the terms of warranty.

- In the event of a claim, please indicate the serial number as well as the article code number and type name with expressive description of the fault.

- This warranty covers damaged parts but no defects due to wear and tear.

In case of complaint please return the equipment in its original packaging or other suitable packaging (caution: danger of transport damage) to our service department.

Always include the completed warranty certificate when returning equipment.

Possible shipping costs arising from the transport to and from point of repair cannot be borne by us.

Outside of Germany please contact your specialist dealer in case of warranty claims. Direct warranty processing with our service department is in this case not possible.

Equipment start-up date:

Stamp and signature of the authorized electrician:

Handling procedures for return shipments (RMA) - Details for all returns !

Dear customer

we hope that you will rejoice in the ordered articles. Just in case that you are not entirely contented as an exception, please follow the procedures specified below. This enabling us to ensure a quick and smooth handling of the return shipment.

Please absolutely respect for all returns!

- Please add the available **RMA-voucher** always **completely filled out** together with an **invoice copy** to the return shipment! Do not stick it on the goods or on the packaging. **We do not accept the return shipment without these papers.**
- Not prepaid parcels **will be refused** and returned to Sender! Please always ask for the **RMA-No.** for the cheapest return.
- **Please pay attention that** the goods have to be sent back **without visible marks of use** in the **original scope of delivery and in original packing.**
- We recommend to use an **additional solid and break-proof covering box** which should be padded out with styrofoam, paper or similar. Transport damages as a result of faulty packing are for the sender's account.

Form of complaint:

1) Transport damage

- Please check the content of your parcel immediately and advise the forwarding company of a claim (parcel service/ freight forwarder)
- Do not use damaged goods!
- Ask the forwarder **for a written acknowledgement of the damages.**
- **Report the claim promptly by phone to your dealer.** He will discuss with you how to act in this case.
- If the transport box has been damaged, please use an additional covering box. Do not forget to add the **acknowledgement of the damage of the forwarding company !**

2) Faulty goods

- The implied warranty period is 2 years. Please contact your dealer in case of **faulty or wrong articles or missing accessories.** He will discuss with you the individual case and try for immediate and customer-friendly solution.
- For **economic returns** within Germany you will get an **RMA-number from the manufacturer.**
- All returns have to be in the **original packing of the goods with corresponding accessories.** Please repack the goods to avoid damages. In case of wrong delivery, please do not use this article !

3) Problems of installation and functioning

- Please **read the manual carefully first of all** and pay attention to the indicated assembly or installing instructions.
- **Your dealer should be the first contact person** because he knows his products best and also knows possible problems.
- **In case of function problems with an article,** please check at first whether there is an obvious material defect. The quality system in our factory reduces malfunctions of new appliances to almost zero.