

PNEUMATIC CONTROL BOX, 1 FUNCTION 21-1041

Specifications

Rated voltage: 230V, 50/60 Hz, 1 phase
Rated current: 16A Resistive or 4A Inductive

Important

The sum of the loads must not exceed the rated current. Mains cable has to be minimum type H05VV-F; 3G1,5.

Dimensions

Length: 140 mm.
Width: 80 mm.
Depth: 65 mm.

Operating temperature: 0 to 40°C
Storage temperature: -20 to 60°C

Important

Follow the directions for installation and connection. This control box is not suitable for medical use. We reserve the right to change the product and the specification without notice.

Safety rules

- A. Locate the box in a dry area with good ventilation.
- B. The box must be situated at least 3 cm above the ground floor.
- C. Before cleaning, servicing, exchanging of parts or accessories or checking up on various disturbances, the mains have to be cut off.
- D. Make sure that there are no unconnected wires and cables inside the box.
- E. Cables and wires must be as short as possible inside and outside the box.
- F. The box is protection class I. It has to be connected with wires according to the instructions from EN 60335-1 and EN 60335-2-60. It is recommended that you consult a state-registered electrician.
- G. In order to separate the box from the mains you must install a suitable ground fault circuit interrupter with at least 3 mm break distance on each terminal in the present electrical installation.
- H. The mounting is to be made in such a way that it is not possible to touch the electric parts.
- I. The electric parts have to be mounted in such a way that they cannot fall into the bathtub.
- J. Instruments of class I must be connected to a permanent installation and safe guards must be established by way of an equalizer connection to the existing water supply.

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Cabling and wiring

1. Pull the mains cable through the PG11 cable gland and the cable from the pump/blower/light through the PG9 cable gland (1).
2. Fit the red cable shoes (2) to the phase leads (brown) and connect the mains phase lead to the angled leg and the phase lead from the pump/blower/light to the straight leg on the switch (5).
3. Connect both zero leads (blue) to one of the terminal blocks (3).
4. Connect both earth leads (green/yellow) to the other terminal block (3).
5. Tighten the cable glands and close the lid and tighten all 4 screws (4) to insure waterproof installation.
6. Connect the hose from the pneumatic button to the pneumatic switch (5).
7. Connect mains to 230V.

Important

All electrical connections must comply with the current legislation on electrical installations for spas and whirlpools.

