

PNEUMATIC CONTROL BOX, 2 FUNCTIONS 21-1042

Specifications

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

Important

The sum of the loads must not exceed (A) or (B):

(A): 16A - Mains cable has to be minimum type H05VV-F; 3G1,5

(B): 25A - Mains cable has to be minimum type H05VV-F; 3G2,5

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 for Spas & Whirlpools 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.

Important

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

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Cabling and wiring

1. Pull the mains cable through the PG11 cable gland (1).
2. Connect phase (brown lead) to the terminal block which already has two brown leads fitted (3) – see picture below.
3. Connect the zero lead (blue) to one of the loose terminal block (3) – see picture below.
4. Connect earth lead (green/yellow) to the other loose terminal block (3) - see picture below.
5. Pull the cables from the pump/blower/light through the two PG9 cable glands (6).
6. Fit the phase leads (brown) with red cable shoes (2) and connect to the pneumatic switches.
7. Connect the earth leads (green/yellow) to the terminal block with earth from mains already connected.
8. Connect the zero leads (blue) to the terminal block with zero from mains already connected.
9. Tighten all cable glands and close the lid and tighten all 4 screws (4) to insure waterproof installation
10. Connect the hose from the pneumatic buttons to the pneumatic switches (5)
11. Connect mains to 230V.

