

# TRANSFORMER OF SECURITY

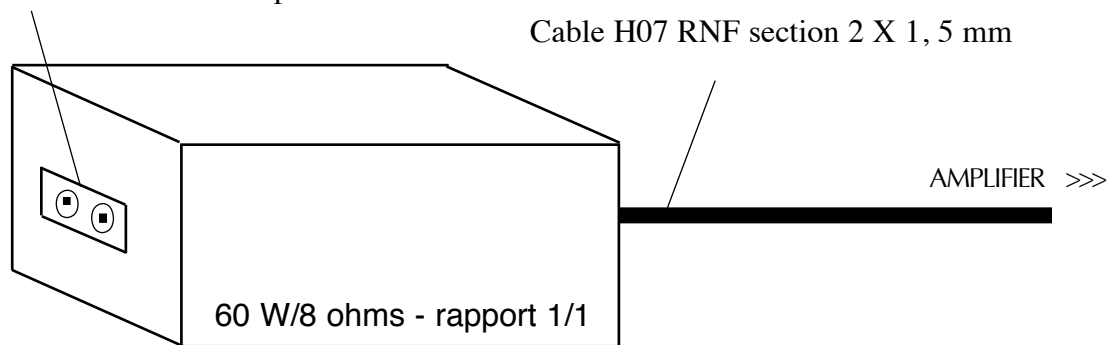


TRANSFORMER OF SECURITY CONFORM TO STANDARD NF EN 60-742

The installation of the transformer of security guarantees a connection corresponding to norm NF C 15-100.

ISOLATING TRANSFORMER or CIRCUIT BREAKER TRANSFORMER  
60W / 8Ω low impedance power supply

Bornier of linking for the underwater loudspeaker



## EXCERPT OF NORM NF EN 60-742

“A transformer whose primary and secondary windings are electrically separated by double or reinforced insulation aiming to limit any risks in the event of accidental simultaneous contact between the earth and the active parts or the masses being carried at the same potential in the event of an insulation fault in the circuit powered by the secondary winding.”

The transformer has a 1 / 1 ratio and for this reason does not alter the bandwidth and the sound power delivered by the transducer.

By installing the isolating transformer your system will be conform to European directives on electrical installations in humid environments (NF C 15-100).

The transformer of separation of circuits distributed by AQUAMUSIQUE follows the requirements mentioned above. It is also called TRANSFORMER OF SECURITY, because it is intended for circuits with very low tension of security (<50 V alternative efficient). His report 1/1 neither changes bandwidth nor the sound power delivered by the subaquatic loudspeaker.

The cable used for all our subaquatic loudspeakers is approved (H07 RNF) to conduct electricity in complete immersion. It is also very resistant to mechanical stress, which is a big advantage for the installation of the portable speakers. Any electric equipment connected to 220 V must be located at least to a distance of 5 meters of the basin, protected from any splashing water. The electrical socket, to which the installation is plugged in, must be connected to a differential circuit breaker with high sensitivity (30mA).

