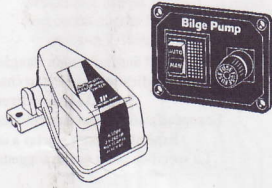


*Instruction Manual*

*Automatic switch  
and Bilge Pump  
Control Panel*



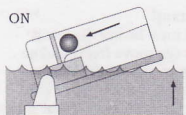
**Automatic Switch AS888**

Part No. 34-888

The automatic switch protects electrically operated pumps and gives fully automatic operation.

The switch is made of corrosion resistant materials.

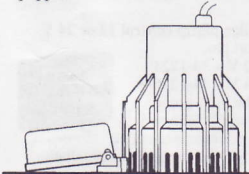
Max size: Width 75 mm, length 115 mm, height 95 mm.



Water raises switch, ball rolls back, switch snaps on.

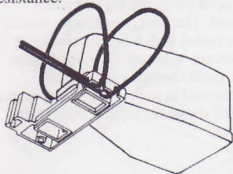
**With Johnson submersible bilge pumps**

Johnson submersible bilge pumps have a T-slot on the housing or mounting bracket. You may simply push the switch into place onto the pump. If you wish, a small drop of water-proof adhesive will lock the switch on the T. Screws are recommended for fastening the switch only if your pump is not equipped with a T-mount.



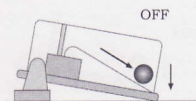
**Installation**

Before installing float switch AS888 form two ≈ 15 cm loops of the wire and lock them in the grooves in the base plate. Thus the automatic float switch can move with a minimum of resistance.



**On a plate surface**

Fix with two screws.



Ball at rest, switch in off mode.

AS888 should always be installed in parallel to the keel with the floating body directed aft. Never install AS888 at a level lower than the inlet of the bilge pump.

**Important!**

AS888 must be installed so it always can move freely and no floating particles interrupt the movement.

The electrical wires must be secured preventing them from falling down onto the switch.

Check AS888 occasionally during the season ensuring that deposits or dirt do not interrupt its operation. Check regularly that the electrical wires have not been damaged.

**Electrical specification**

Max amps

12 V DC – 15 A

24 V DC – 7,5 A

32 V DC – 5,6 A

At heavy loads a separate relay has to be used. AS888 may only be used for low voltages (up to 48 V).

**Bilge pump control 12 or 24 V**

Part No.

12 V – 34-1224

24 V – 34-1225

The bilge pump control combined

with automatic switch

AS888 is an excellent installation

for your boat.

The panel has a 3-position switch

for Off, manual On, and automatic

operation – the automatic feature

operates in combination with

AS888.

Integrated fuse holder and operating

light. Fuses included. The

switch is in matt black finish.

Size: 76 x 55 mm, 40 mm depth.



**ELECTRICAL INSTALLATION**

See fig. page 15

**Johnson submersible bilge pump/  
Automatic Switch AS888/ Bilge  
pump control**

Always install switch AS888 and bilge pump control or other switches or fuses between the positive (+) terminal of the battery and the positive (+) connection of the pump (brown wire, L100 red wire). The negative (-) connection (black wire) of the pump to be connected directly to the negative (-) terminal of the battery. Fuse size applies to pump specification.

**Electrical connections**

All electrical connections must be placed above the highest water level. The wire connections should be sealed with a marine sealant to prevent wire corrosion. Insulation or cable sheathings have to be removed in such a way that they end well above the highest bilge water level.



**JOHNSON PUMP**  
Johnson Pump Marine  
Part of Johnson Pump AB



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