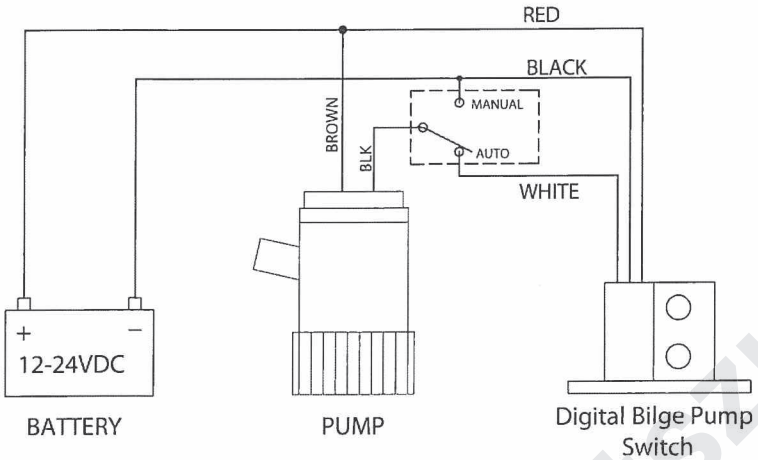
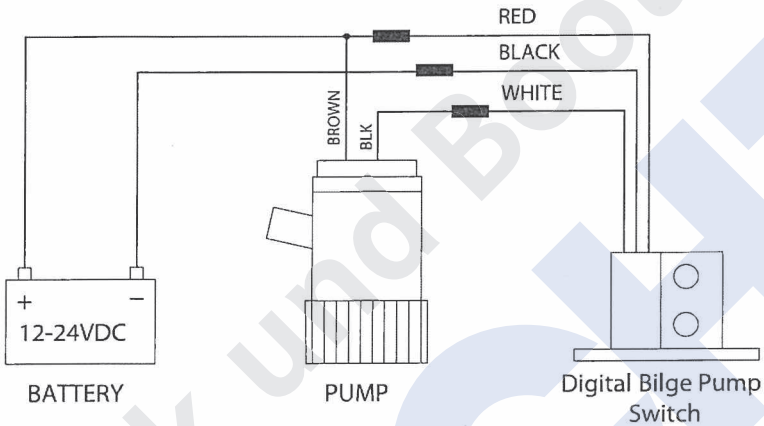
WIRING DIAGRAM



*Auto Pump with Manual Override Switch



*Auto Pump Function

EN 55014-1
ISO 8846

Waste handling & material recycling
At the product's end of life, please dispose of the product according to applicable law. Where applicable, please disassemble the product and recycle the parts according to material.

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BLIN0018Z

Nautik und Bootszubehör SCHERL

ALBIN MARINE PUMP DIGITAL BILGE SWITCH INSTRUCTION SHEET

Product	Description	Package Contents
Albin Marine Pump Digital Bilge Switch 12/24V part no. 01-66-037, 01-66-038 (bulk)	Fully potted and sealed digital bilge switch for bilge pump activation.	• Albin Marine Pump Digital Bilge Switch with 36" wire leads

WARNING: Read this Instruction Sheet carefully prior to using this device. Failure to understand and follow these instructions may result in electrical shock, fire and/or serious personal injury.

CAUTION: Attach an inline fuse of the appropriate amperage as specified on the pump. Albin Marine Pump Digital Bilge Switch is designed for 12 VDC and 24 VDC operation only. Do not use any other voltages, do not use AC or AC-DC converted power sources. Failure to use appropriate fuse and connecting wires according to the instructions provided will void any Albin Pump Marine warranty and may cause serious damage or personal injury.

SPECIFICATIONS

- Voltage rating: 10.5 to 28.8 VDC
- Unit should be fused appropriately based on the bilge pump recommended fuse rating.
- Draws less than 20 microamps in standby mode.
- 2 second Turn On, 1 second Turn Off plus 30 second pump down to insure water evacuation.
- Housing made from polymer that has added gasoline resistance.
- Tinned and Caulked wires to eliminate wicking.
- Reverse wiring protection.

INSTALLATION

- Mount the switch in a vertical position, mounting holes toward bottom of vessel and close to the pump such that the water level is equal on both the pump and the Digital Switch.
- Do not mount the Albin Marine Pump Digital Switch directly to the hull of the boat. Use a mounting block of at least ¾" thick marine grade plywood epoxied to the hull of the boat to fasten the Albin Marine Pump Digital Switch.
- The bottom of the Albin Marine Pump Digital Switch can be mounted higher but never lower than the base of the pump.
- Note: If mounting the Albin Marine Pump Digital Switch on the side of the boat, (stringer, bulkhead) make sure you fasten the Albin Marine Pump Digital Bilge Switch using the side posts and observing the same mounting instructions as you would installing the Albin Marine Pump Digital Bilge Switch in a vertical position.

MOUNTING

- Mark pilot holes in the mounting block base using the Albin Marine Pump Digital Bilge Switch holes on the switch base as a template
- **In order to avoid drilling through the hull of the vessel, set your drill to the appropriate depth for the pilot holes.**
- Fasten the Albin Marine Pump directly to the mounting block using #8 X ⅝" long stainless steel screws (not supplied).

OPERATING INSTRUCTIONS

- After mounting and wiring of the Albin Marine Pump Digital Bilge Switch is completed, hold two fingers over the raised circle areas of the switch for approximately 10 seconds. If the wiring is correct the bilge pump will activate. If you remove a finger from the top circle, the pump should continue to be on. After removal of both fingers, the bilge pump will shut off after a 30 second pump down cycle.
- Make sure to test the Albin Marine Pump Digital Bilge Switch with water in the bilge of the vessel to re-affirm that the pump will turn on and off properly. If the bilge pump does not activate as required, a repositioning of the switch may be necessary.

MAINTENANCE

- Your Albin Marine Pump Digital Bilge Switch will provide years of maintenance free operation. In case of malfunction, make sure that the Albin Marine Pump Digital Bilge Switch is clear of floating debris. Make sure sensor circles are clean. At all times keep all fuse and wire connections high and dry.