

ELECTRICAL EQUIPMENT FOR VESSELS

ON DISPLAY AT THE STAND OF

ELEKTRO  **ŠTUMPF**
D.O.O.

TRANSFER SWITCH 5 kVA with transparent cover



The transfer switch is designed to automatically switch between two different power sources - between a generator and shore, inverter and generator or between an inverter and the shore. The switch has 2 inputs, 1 output, 2 auxiliary contacts (NO) and a delay relay. The AC power is automatically transferred to the output. Transfer from output 2 to output 1 is delayed for 10 seconds. During transfer the appliances are without power for a short time.

- Nominal voltage: 200 - 250 V/AC • Nominal power: 5 kVA
- Dimensions: 210 x 192 x 125mm (w x d x h) • 8TE

Art.	Type	Code
Transfer switch 5 kVA	TSW-5kVA	ZZVECOSW5KW

TRANSFER SWITCH 10 kVA with transparent cover



The transfer switch is designed to automatically switch between two different power sources - between a generator and shore, inverter and generator or between an inverter and the shore. The switch has 2 inputs, 1 output, 2 auxiliary contacts (NO) and a delay relay. The AC power is automatically transferred to the output. Transfer from output 2 to output 1 is delayed for 10 seconds. During transfer the appliances are without power for a short time.

- Nominal voltage: 200 - 250 V/AC • Nominal power: 10 kVA
- Dimensions: 210 x 192 x 125mm (w x d x h) • 8TE

Art.	Type	Code
Transfer switch 10 kVA	TSW-10kVA	ZZVECOSW10KW

BWTH / AW BATTERY ISOLATION SWITCH



The bow thruster and anchor battery isolation/main switch connect the battery with the bow thrusters and anchor winch. The battery can be mounted at the bow or in the engine room. There is space for an anchor winch relay (not included in the price). Overcurrent protection devices are also built in. Main characteristics of the built-in equipment:

- Single pole bistable relay • Circuit breaker 100A • Manual on-off control • one output with ANL strip fuse • Input from battery • Input from battery charger • Nominal continuous current: 500 A • Intermittent rating: 700A, 5 min.
- Nominal voltage: 12V, DC • The casing and the mounting plate are made from insulated, extinguishable material • 40 x 10 x 210 mm
- nickel-plated copper busbar with 7x M10 screws • Dimensions (w x d x h) = 300 x 220 x 120 mm

Art.

BWTH/AW battery isolation switch

Type

ZZEMOORING12V

HYBRID BATTERY ISOLATION SWITCH



This custom-made hybrid battery isolation/main switch connects the lithium polymer battery with the hybrid control unit (H.C.U.). Over-current protection devices are also built in. Main characteristics of the built-in equipment:

- Three Tyco relays for engines and inverter/charger
- Remote control
- Manual on-off
- H.C.U. output
- Input/output charger/inverter with ANL strip fuse
- Input from Li-po battery
- Input from solar with ANL strip fuse
- Nominal continuous current: 500 A per relay
- Maximum sustainable current: 1500 A, 5 seconds
- Nominal voltage: 48V, DC
- Screw termination: M10
- The casing and the mounting plate are made from insulated, extinguishable material
- Dimensions: (w x d x h) = 460 x 380 x 120 mm

Art.

Hybrid battery isolation switch 12V, DC

Type

On Demand

FUSE HOLDER FOR ANL STRIP FUSES



The fuse holder for ANL strip fuses, 35A to 500A DC, is available as a one-pole version with the possibility of sequential assembly. It is made from Noryl® material. The connecting screws are nickel plated with two nuts and a safety washer.

- Screw termination: M10 • Nominal voltage: up to 48V, DC
- Supplied without out strip fuses • Dimensions: 34 x 88 x 48 mm
- Cover is sold separate

Art.	Type	Code
Fuse holder ANL 10/10	ZZENOSM10	ZZENOS.VAROVA
Cover for ANL fuse holder	ZZEPOKM10	ZZEPOK.VAROVALKE

FUSE HOLDER FOR MEGA STRIP FUSES



The fuse holder for MEGA strip fuses, 80A to 500A DC, is available as a one-pole version with the possibility of sequential assembly. It is made from Celanese Foltron 1140L4 material. The connecting screws are nickel plated with two nuts and a safety washer.

- Screw termination: M10 • Nominal voltage: up to 70V, DC
- Supplied without out strip fuses • Dimensions: 34 x 88 x 48 mm
- cover is included in the price

Art.	Type	Code
Fuse holder MEGA	ZZENOSM8	ZZENOS.VAR.M

SWITCH BOARD DC / Motor boat



This switch-board is custom-made from high-quality transparent acrylic glass, elegantly finished in a sophisticated black. Inscriptions and symbols are precision-engraved for visibility and durability.

Features:

- consumer switches to effortlessly manage your electrical devices
- battery monitor for keeping a close eye on your boat's parameters with the Victron Energy Ekrano GX
- integrated Victron Digital multi control: specifically designed for the Victron Multi Plus charger and inverter, complete with Power Assist and Power Control functions
- signal lamps to illuminate your panel with operational indicators for enhanced awareness

CUSTOM MADE NICKEL PLATED BUSBARS



The nickel-plated busbars facilitate excellent electrical transmission and are recommended for parallel connection of multiple high-power inverters/chargers. Constructed from high-quality copper and finished with a nickel plating, these busbars benefit from enhanced conductivity and durability. The busbars also feature nuts that are fixed inside the copper structure. This design provides several advantages such as: ease of installation, reduced risk of damage and streamlined aesthetics. Our custom-made busbars are produced according to the desired amperage:

Copper busbars with a thickness of 5mm:

- Width: from 20 to 60mm
- Amperage: from 320 to 820 A

Copper busbars with a thickness of 10mm

- Width: from 30 to 60mm
- Amperage: from 680 to 1180 A

The input connections are customizable based on the specific requirements of the vessel. We offer a range from M6 till M12. The number of connecting screws can also be determined according to the customers wishes.

CUSTOM MADE CABLE HARNESSES



All of our conductors for electrical installations on vessels are made from high quality single core sheathed cables with a flexible conductor for general purpose. The cables that we use, range from 0,75mm² to 150mm² diameter and can be equipped with various connectors and cable lugs. The cable sets are protected with a braided hose and are made to order, depending on the type and quantity of electrical devices on the vessel.

BOAT MODEL WITH A FUNCTIONING ELECTRICAL SYSTEM



This scale model boat features a fully integrated and operational electrical system designed for reliable performance and realistic functionality. With the help of this model we display to customers what kind of electrical systems we integrate into boats, sailboats and yachts. The model is equipped with an electric propulsion unit, internal power distribution, and functional onboard components, ensuring authentic operation and technical precision.

The electrical system includes a rechargeable power source, motor control unit, and safely integrated wiring layout, engineered for efficiency and durability.

Since we complete our comprehensive range of electrical installations for vessels with Victron Energy, Fischer Panda and MG Energy Systems products - for which we are the official distributor in Slovenia - many of their components can be found integrated into and displayed on the model boat.

*This model is used only for display purposes