

DISTRIBUTION PANEL

# POWER AT YOUR CONTROL

## Distribution Panel

CUSTOM YACHT ELECTRICAL POWER PANELS



**Energy Solutions offer a range of electrical design and design & build services to the yacht industry.**

■ **Design Service.** We will carry out the entire electrical design including load analysis for your project. This will generate a detailed set of drawings, bills of materials, cable schedules and any custom system design that may be required.

■ **Panel Building.** We can design and build AC and DC electrical panels. This can involve generator sets in parallel (isochronous or droop), load management and monitoring. If required we can build remote monitoring and control panels or liaise with another supplier.

■ **PLC Programming for alarms and other systems.** Large yachts have complex alarm, monitoring and control requirements. PLC control allows these needs to be met in a flexible and upgradable way.



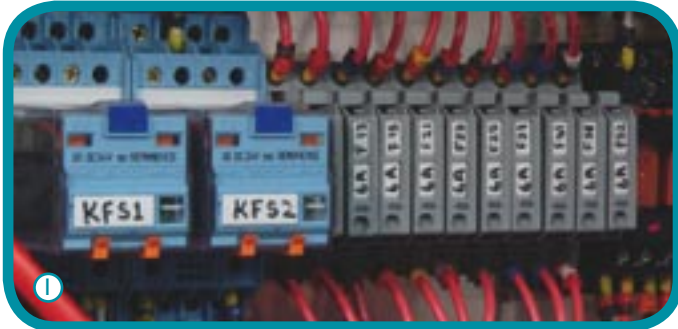
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A variety of styles, finishes and functionality can be offered for distribution panels and other systems on board.

This panel is custom constructed from aluminium and is recessed into the ships panelling. The panel incorporates the AC auto changeover system and the DC primary isolation and protection. Mounted within the front of the panel are primary and local circuit breakers which have illuminated legend windows and LED's to designate live circuits.



1

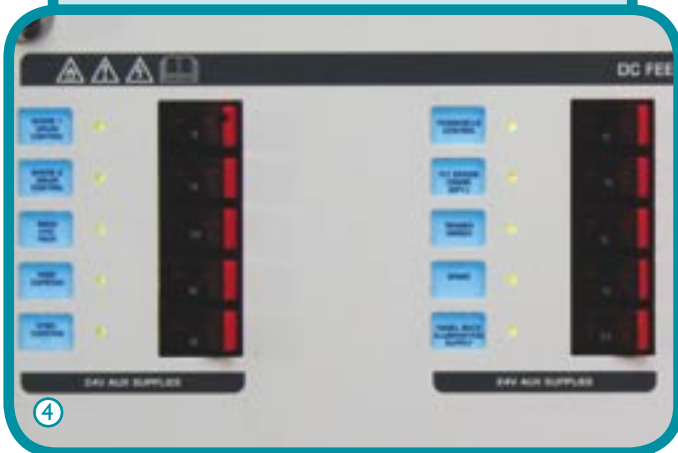


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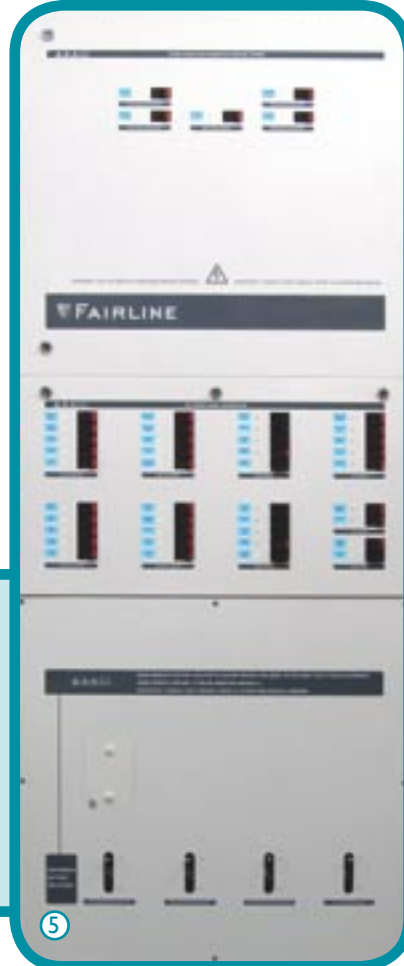
- 1| Detail showing control fuses and relays within AC changeover section.
- 2| AC changeover contactors.
- 3| Illuminated legend windows under semi-dark conditions.
- 4| Illuminated legend windows under normal conditions.
- 5| Full front view of panel.



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