

**Industry: Transportation**

**Products: Circuit Breakers from the SUPER AE and WSS series**

# Circuit Breakers protect against a Blackout at Sea



The construction of the super wide-bodied jet type A380 demands a logistical masterpiece from the manufacturer Airbus. A specially designed and constructed freighter gathers the parts from around Europe and transports them to the French coast. And to protect against power overloads and short circuits, this vessel relies on Mitsubishi low voltage switchgear.

On board every modern ship of the high seas safety is of paramount importance. In order to eliminate all the risks involved, the electrical systems must work perfectly even under rough conditions on the open sea. In the event of a short circuit only the nearest protective equipment has to switch off as the main power supply must never be interrupted.

The three generators, driven by diesel motors, on the transportation freighter "MT Breuil" are interconnected via a 440 volt power distribution system and can be automatically switched in or out, according to requirements.

The supply lines to the 735kW motors and 1000kVA generators are fuse-protected by Mitsubishi SUPER AE air circuit breakers. These compact and reliable breakers have a wide range of international approvals including many specifically for the shipping industry.

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