



# Air Circuit Breaker Retrofit Solutions (Terasaki AT,AH)

*Increase your Low Voltage Switchgear life and performance with a "Safe and Certified" ACB retrofit solution.*

As a leading Global L.V. / M.V. Switchboard and MCC manufacturer and Power Control & Automation solutions provider, our team of highly skilled engineering professionals have the application expertise and industry knowledge to tackle your specific ACB Retrofit requirements. With vast experience on the design and application of Terasaki ACB Retrofit solutions, Powell is committed to extending the viability of customer assets in the field and in the event of a lifecycle extension requirement Powell is ready to offer an ACB Retrofit upgrade programme.

As production or process requirements change and as safety codes (EAWR/PUWER) guidance (Gambica) and standards (BS EN 61439 & BS EN 60947) become more stringent, it is important to ensure coordination and protection within the system.

The physical structure of a switchgear assembly may be sound so retrofitting the component most susceptible to wear and aging is an ideal solution to introduce modern components and technology into the system.

The Powell (UK) approach to guaranteed safe and certified retrofit Air Circuit Breakers is entirely consistent with the guidance published by Gambica, the Trade Association for Instrumentation, Control, Automation and Laboratory Technology in the UK.

The guidance states that:-

"Technical knowledge and experience are essential for ensuring that assemblies are modified and maintained safely and in accordance with the requirements of the relevant legislation and standards".



## Benefits

*Increased Switchboard lifespan*

*Maintains the original switchboard configuration and equipment installed*

*Improve safety and reliability to personnel and surrounding equipment*

*Low investment costs compared to replacing the complete switchboard in its entirety*

*Planned Installation with minimal downtime, thus significant cost saving overall*

*Reduced costs for maintenance and repairs for the foreseeable future*

*Seamless integration with the existing distribution systems*

*Easy and safe installation/retrofit with no structural changes and adaptations required to auxiliary circuits*

*Latest technology in electronic protection – Future proofing*

*Customized tailored solutions based on specific customer needs.*



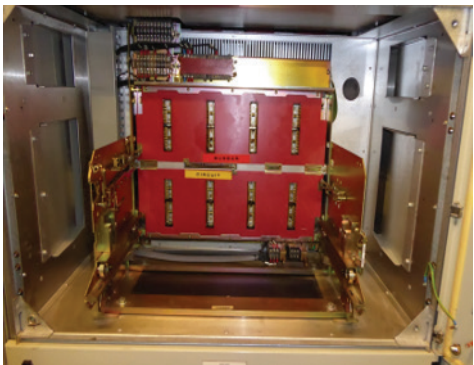
This includes assessment and documentation of risks by competent persons prior to modification working commencing and an assembly assessment by a competent manufacturer.

The guidance makes it clear that any approach to retrofit that does not meet these requirements is unacceptable according to EAWR, PUWER and the relevant legislation and standards in place by the Industry Trade body Gambica.

If you are planning to undergo through a Retrofit project give us a call, we will be able to offer you the appropriate guidance according to your current equipment Configuration and arrange a site survey to work through an upgrade solution that will help support your operation.

**Powell provides certified solutions that are safe, compatible and reliable.**

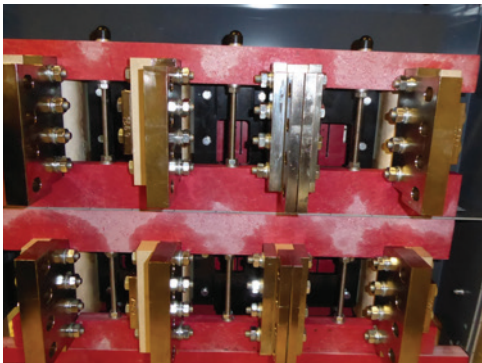
Before Retrofit



During Retrofit



After Retrofit



***Powell is here to assist in keeping your Business Fully Operational and in Perfect Health.***

***Retrofits, Modifications, Upgrades & Maintenance***

*Powered by Safety®*

**Asia Pacific**  
+65 6737 2959

**Middle East**  
+971 4 817 0215

**North & South America**  
1 800 480 7273

**UK & Europe**  
+44 1274 734221

Connect with us!     
powellind.com  
info@powellind.com