With a few modifications and sustainable costs, Retrofitting kits are the perfect solution to improve a low voltage switchgear.

ABB SACE has developed new hard bus retrofit
Retrofitting kits to replace and upgrade AT Terasaki Air Circuit breaker with New Emax.

ABB ensures operating continuity between Terasaki AT air circuit breakers, AT 3 poles, 1250A, 1600A and 2500A, equipped with either Vertical or Horizontal Rear Terminals, and the recent series of circuit New Emax.

Replacement kits are designed to preserve existing switchgear and reduce downtimes to a minimum. Special copper adapting kits are mounted on New Emax terminals in order to replicate the copper bars connections of Terasaki breaker.

The result is a completely upgraded System with all the advantages of new technology offered by ABB New Emax circuit breakers. All New Emax Electrical and Mechanical accessories can be used. Mechanical interlock and ATS work only with New Emax Circuit breakers.

Benefits
- Increased safety;
- Service continuity;
- Easy installation;
- Maintenance costs reduction;
- Products and spare parts availability;
- Tested solution;
- Wide range of mechanical and electrical accessories with New Emax;
- Power measurement with advanced trip units (PR122 and PR123);
- Monitoring with PR120/K, electrical signaling internal module;
- Communication:
  - Modbus (PR120/D-M),
  - Wireless, (PR120/D-BT),
  - Profibus, DeviceNet or AS-i (EP 010 – FBP);
- Diagnosis and installation with Ekip Connect Software.
Retrofitting kit consists of:
1 Dedicated plates for fixed part to fix the circuit breaker in the same fixing point of Terasaki’s one;
2 Special New Emax adapter busbars according to the size;
3 Insulating material to align terminals according to New Emax dimensions;
4 Adhesive template for panel door cutout.

Before ordering, please, verify the panel has enough room to allow the replacement.

Below the list of New Emax accessories available for the retrofitting kit Terasaki AT → New Emax:

For further information contact:

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