

Motor Control Center Bucket

The Westinghouse Solution

Westinghouse designs and qualifies MCC bucket replacements to meet the original qualification basis in mild or harsh environments. The industry-leader in resolving obsolescence challenges, Westinghouse is able to retrofit numerous non-original Westinghouse designs as well as reverse engineer MCC designs no longer available. As the original equipment manufacturer (OEM), Westinghouse continues to supply 5 Star and Type W Series motor control center replacement buckets as the only supplier with the ability to build MCC buckets identical to the original Westinghouse environmental qualification.

Customer Benefits

To reduce installation time, Westinghouse has the ability to:

- Set breakers and overload relays specific to your plant's requirements.
- Provide terminal block numbering and labeling specific to your plant's requirements.
- Offer field advisory support during installation.
- Provide pre-wired and labeled field wiring harnesses for auxiliary connections.
- Offer witness testing to eliminate the need for onsite duplicate testing.
- Utilize common components across multiple OEM platforms to minimize CAT IDS for plants with multiple style MCCs



Deliverable

- Westinghouse customers will receive a like-for-like MCC bucket with performance and test data as well as a bill of material, wiring diagram and technical manual.
- Test and performance data include a certified factory acceptance test report and qualification data package.
- Components undergo seismic, environmental, and electro-magnetic compatibility qualification testing at the Westinghouse manufacturing facility in order to ensure that parts will perform their intended function.



<https://info.westinghousenuclear.com/westinghouse-parts-business>

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Westinghouse Parts Business

Why Westinghouse

Westinghouse technology is fundamental to nearly 50% of the world's nuclear reactors. Now, that same trusted expertise is delivering the services and parts to meet the needs of 100% of the **nuclear plants across the globe.**

Experience

Westinghouse partners with the largest breaker manufacturer in the world to ensure good quality supply of parts and service.

Westinghouse can manage site MCC Bucket spare part inventories to ensure critical items are available and appropriately qualified.

Westinghouse has successfully delivered replacement buckets for both PWR and BWR nuclear power plants.

Westinghouse performs dedication testing for every component within each MCC bucket.

Exclusive access to original design drawings allows for quick and accurate response to any application issues that might arise.

Westinghouse MCC replacement bucket enhancements and upgrades have developed more than 40 years of operating experience as an original equipment manufacturer.

Westinghouse has solutions for the following:

- GE 7700
- ITE 5600
- Klockner Moeller KM170 and 200
- Cutler Hammer F10 Unitrol
- Arrow Hart
- Allis Chamlers Mark 2

From small to large

Whether your project involves new construction or existing equipment, for a nuclear plant or a government facility, Westinghouse provides high-quality, nuclear-qualified solutions and products that meet the original design and qualification of your plant.

Global to local

Our cost-effective, high-quality, nuclear-grade replacement parts provide global operators of various reactor designs with solutions for electrical, mechanical, and instrumentation & control systems.

From Westinghouse's proprietary innovations to designs around the world

Westinghouse has a rigorous commercial-grade dedication process and a robust quality assurance program for detecting and monitoring counterfeit, fraudulent and suspect replacement parts and components. And our industry-leading experts are available 24/7 to support your plant needs.

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