

Control Relays – AR, ARD, BF, BFD, NBFD

The Westinghouse Solution

Westinghouse is the OEM for the AR and BF series relays dating back to their original production release. Although Westinghouse sold the manufacturing of this product line to Eaton in the 1990's, they are still produced based on the original drawing requirements.

Description

AR Relays

- Robust AC Control Relay
- Can be used across multiple applications
- Available as Class 1E qualified in 4, 6, & 8 pole configurations
- Control Voltage range of 12 VAC to 600 VAC

ARD Relays

- DC Version of the AR Relay, with operating ranges of 12 VDC to 240VDC

BF Relays

- Small footprint AC control voltage
- Can be used across multiple applications
- Available as Class 1E qualified in 2 to 12 pole configurations
- Control Voltage range of 12 VAC to 440 VAC

BFD Relays

- DC Version, can only be supplied as non-1E due to coil limitations

NBFD Relays

- DC Version of the BF Relay qualified for Class 1E applications
- Only available in 125-130 VDC voltage range
- Rated for continuous operation

NBFD65NR (9084A70G01) Relay

- 11 pole relay designed to universally replace all other NBFD relays
- Dual Coil Designed to run cooler, reduce operating coil load, and utilized for continuous operation
- Same contact specifications as basic NBFD relays

Deliverable

- Westinghouse Certified Product
- Certificate of Conformance (C of C)
- Certificate of Qualification (C of Q) upon request
- Class 1E products backed by Westinghouse's 10CFR50 Appendix B program



<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

WPB performs regular Commercial Grade Surveys on Eaton's manufacturing facilities of these relays to help ensure product quality. In addition, to meet the robust requirement of the nuclear industry and to ensure performance and reliability, Westinghouse performs several proprietary enhancements during our Commercial Dedication process.

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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