

Replacement of Fischer & Porter 55GL1151A Power Supply

The Westinghouse Solution

As a long-term solution for obsolete equipment, Westinghouse has developed an equivalent replacement for the obsolete Fischer & Porter 55GL1151A power supply used in Electronic Control System applications. The Westinghouse 10207D05G01 power supply is designed to deliver the same functionality as the original unit while maintaining the original form, fit, and function to avoid costly system modifications.

Designed for non-safety related applications, this solution can be qualified for safety related use if required and is suitable for installation in existing plant equipment. Backed by Westinghouse's experience in reverse engineering and qualification of legacy components, this replacement provides a reliable, long-term path forward for sustaining control system operation across the installed fleet.

Customer Benefits

As legacy power supplies become obsolete and OEM support diminishes, facilities require replacement solutions that maintain system performance without introducing additional cost or qualification complexity. Westinghouse addresses these challenges with reverse engineered power supplies that support non-safety, augmented quality, and safety related applications. Reliable performance, competitive pricing, and consistent lead times are paired with supporting documentation to streamline equivalency evaluations and implementation.

Design Benefits

Westinghouse's replacement power supply delivers equivalent functionality while maintaining compatibility with the original equipment, minimizing installation impact.

- Provides the same functionality without impacting the fit of the original power supply
- Expands operational flexibility through a wider input voltage range, broader operating temperature range, and reduced output ripple
- Developed under an ISO 9001:2015 quality program to support reliable long-term performance



Westinghouse Part Number: 10207D05G01

Power Supply, AC-DC, 24-26 Vdc, 4-20 mA

Specifications Comparison

Design Characteristic	Original (55GL1151A)	Replacement (10207D05G01)
Input	120 Vac, 50-60 Hz	120 Vac $\pm 10\%$, 47-420 Hz
Voltage Output	24-26 Vdc $\pm 10\%$	25 Vdc ± 1 Vdc
Output Current Signal	4 to 20 mAdc	4 to 20 mAdc
AC Load @Full Output Load	1.584 W	2.4 W
Line Regulation	Not Specified	$\pm 10\%$
Load Regulation	Not Specified	$\pm 10\%$
Ripple	10 mV rms (max.)	5 mV RMS
Overcurrent Protection	Fused, 1/32 A	Fused, 1/32 A
Connections	6-32 Screw Terminal	6-32 Screw Terminal
Dimensions (L x W x H)	7.5" x 2" x 1.875"	7.5" x 2" x 1.755"
Weight	3 lbs.	10 oz (0.625 lbs.)
Ambient Temperature Limits	-18 to 54 °C	-20 to 71 °C
Baseplate Material	Aluminum	Aluminum

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

Westinghouse Electric Company
1000 Westinghouse Drive
Cranberry Township, PA 16066
www.westinghousenuclear.com

June 2026
2026 Westinghouse
Electric Company LLC.
All Rights Reserved

