Allen-Bradley 80026-529-01-R

01 Define the service boundary

1 Retain the source allocation

Record 80026-529-01-R, the 1000 W selection and the drive supply position. Identify which loads and status input belong to this source.

2 Capture both fault domains

Record AC-fail and DC-fail indications separately. Input loss, output loss and an incorrect monitor connection need different corrective actions.

Input phase	Single phase
Nominal DC output	56 VDC
Power rating	1000 W

02 Prepare the installation

1 Isolate AC and DC energy

Use the approved drive isolation and discharge procedure for both the control input and downstream DC circuit. Prove safe conditions before disconnecting the converter.

2 Inspect cooling and connectors

Check the input, DC output and fault-monitor connectors for seating or damage. Keep the airflow path clear and inspect the fan condition.

Drive DC-fail threshold	Below 49 VDC
Drive AC-fail threshold	Below 85 Vrms

03 Restore connections and settings

1 Restore the exact supply

Match the single-phase 1000 W source and retained wiring. Do not select another power rating solely because its output is also 56 VDC.

2 Verify energization conditions

Under the prescribed test procedure, confirm the correct input control power and measure the source output. The fault thresholds are not substitutes for the input nameplate.

Connection check	Retain source and output assignments
Test boundary	Qualified controller/drive procedure

04 Verify the operating response

1 Check output and status together

Compare physical output with the 49 VDC DC-fail threshold and the assigned ACB status input. Investigate inconsistent status wiring before replacing another component.

2 Confirm cooling operation

Verify that the internal cooling fan runs as required. A failed fan must be corrected by the specified supply replacement action.

Verification	Physical voltage plus diagnostic state
Release	Resolve cause before restart

05 Release and retain the evidence

1 Review downstream recovery

Confirm that the 56 VDC consumers and their diagnostic indications recover after the source is restored. Do not mask a downstream fault by repeated resets.

2 Record the final power evidence

Retain input/output measurements, supply-position identity, fan operation and monitoring results with the controlled drive restart record.

Technical basis: Rockwell Automation PowerFlex 7000 Troubleshooting Guide, 7000-TG002L-EN-P, February 2020.

Related product navigation

Allen-Bradley 80190-099-01/7

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These are related references, not confirmed substitutes or an automatically approved assembly.