ABB 07NG63R1 GJV3074313R1

Dual-Output Rack Power Supply

T200 Mains Selection and Split-Rail Load Review

Identify the source type and preserve each output allocation before accepting the supply under the real rack and auxiliary duty.

Before You Order

Source	Record the installed mains selection and receiving supply connection.
Rail loads	List logic and auxiliary demand separately.
Comparison	Compare candidate supplies by input type and both output allocations.

The installed relationship

Input	Approved mains selection -> 07NG63 supply
Logic	Logic output -> T200 rack demand
Auxiliary	Separate auxiliary output -> its own distribution and loads

The R1 catalogue specifies the 07 NG 63 R1 nominal selections and separate rail ratings for basic racks with 07ZE62 or couplers/pre-processors. Retain the complete GJV3074313R1 supply identity; R2 input tolerances and protection behavior are not assigned to R1.

Procontic T200 rack power — fault decisions

Logic healthy, auxiliary absent	Trace the auxiliary rail, distribution and its load separately.
Output recovers without load	Review connected demand and connection integrity before accepting the module.
Candidate has identical outputs but another input	Resolve source compatibility before energizing.

Carry the decision into the installation

1 Identify the R1 source arrangement	Match the actual input-selection markings with the retained mains installation before making connections.
2 Check the intended basic rack	Confirm the 07ZE62 or coupler/pre-processor context and the recorded rack supply relationship.
3 Budget the logic rail	Compare the connected 5 V demand with its own output allowance.
4 Budget the auxiliary rail	Assess the 24 V load independently; unused logic capacity cannot be assigned to this rail.
5 Observe startup under the approved load	Measure both receiving domains and compare the processor/coupler startup behavior.
6 Record the accepted supply arrangement	Retain R1 identity, source selection, separate rail demands and the two loaded results.

As-left proof

Source agreement
The supply and mains arrangement correspond to the installed drawing.

Budget agreement
Each load fits its own documented rail duty.

Loaded agreement
Both receiving circuits behave correctly in the accepted operating condition.

Avoiding Unsupported Power Assumptions

R1 rack assignment	Basic module racks with 07ZE62 or couplers/pre-processors.
07NG61 R1 comparison	Same nominal mains selections, different 5 V/24 V current allocation: 4 A / 1.5 A.
07NG68 R1 comparison	DC 24 V input; its source arrangement differs from the 07NG63 R1 mains connection.

Decisions from the observed installation

An auxiliary load is added during the change
Review that rail budget rather than relying on unused logic capacity.

A DC-input spare is proposed for a mains position
Reject the voltage-only comparison and resolve the source arrangement.

The evidence to retain for 07NG63R1 GJV3074313R1

Selection record	Input type/selection, rack connection and two load budgets.
Acceptance record	Per-rail loaded readings and receiving-function observations.

Technical basis

ABB Procontic T200 R1 catalogue GATS121401R2003

Related product references

Separate supply references; listing does not establish interchangeability.

ABB 07KP64 GJR5240600R0101	RCOM Communication Processor; separate supply reference
ABB SA610 3BHT300019R1	Control System Power Supply Module; separate supply reference

Discuss 07NG63R1 GJV3074313R1 and the installed application with Apter Power.
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