ABB 07NG63R1 GJV3074313R1

Dual-Output Rack Power Supply

ABB 07NG63R1 GJV3074313R1 is a Procontic T200 rack supply with separate logic and auxiliary DC outputs; the two output-current limits belong to different rails.

Sourcing Support | 12-Month Warranty

Product summary

Manufacturer part number	07NG63R1 GJV3074313R1
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	15.2cm x 7.6cm x 25.4cm
Country of Origin	Sweden
Manufacturer	ABB
Product Category	PLC Systems
Spare Part Number	07NG63R1 GJV3074313R1
Weight	1.3 kg

Buyer information / Overview

The 07NG63 design must not be confused with 07NG61, which has different 5 V and 24 V current allocations, or the 24 V-input 07NG68. Source type and rail duty both affect the spare decision.

Split power allocation
Logic and auxiliary circuits have separate output budgets.

Rack-specific service
The receiving T200 power connection remains part of the module selection.

Source-dependent choice
A mains-input design cannot be selected from output voltage alone.

The R1 design uses nominal 115/230 V AC mains selections and provides separate 5 V logic and 24 V auxiliary outputs. ABB assigns this supply to basic module racks with 07ZE62 or couplers/pre-processors. Match the actual rack and input-selection arrangement before reconnecting mains.

Its 9 A logic allocation and 0.5 A auxiliary allocation address different loads. The nearby 07NG61 R1 has a different split, while 07NG68 R1 uses a 24 V DC source. Shared output voltage labels therefore do not establish a valid replacement for the installed mains-input rack supply.

Accept the supply by assessing both receiving domains under the approved startup and operating duty. A running processor can coexist with an auxiliary distribution fault; compare the two rail results separately rather than using one healthy output as proof of the whole installation.

Controller platform reference: Procontic T200 rack power. Retain the documented ABB configuration.

Technical Specifications

Nominal mains selections	115 / 230 V AC
Logic output voltage	5 V DC
Logic output current	9 A
Auxiliary output voltage	24 V DC
Auxiliary output current	0.5 A

Technical source: ABB Procontic T200 R1 catalogue GATS121401R2003. 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. Apter Power product summary. Original technical pages and a field guide are available in Downloads.

Applications / Compatibility

Use the 07NG63 design at its documented Procontic T200 rack-power position with the correct mains connection.

Review the logic and auxiliary rail loads separately. Other 07NG references may change the input source or current allocation.

T200 logic rail
Compare the rack logic demand with its own output limit. Verify the voltage at the receiving rack rather than transferring unused auxiliary capacity.

Auxiliary rail
Keep the auxiliary load budget separate from logic power. Review the actual connected duties before adding another device.

Mains supply replacement
Confirm the installed AC selection and power connector. Do not substitute a DC-input family member from matching output labels alone.

Neighboring supply comparison
Compare 07NG61/63/68 by source and both rail duties. Similar rack format does not establish an approved interchangeable supply.

Product Precautions

Prepare ABB 07NG63R1 GJV3074313R1 using the following checks for its documented interface and system duty.

Verify mains isolation
Identify the source and approved isolation point before opening the rack supply connection.

Check the actual selection
Compare the input arrangement with the installed drawing and unit markings.

Separate output budgets
Review each rail against its own connected load.

Do not parallel by assumption
No current-sharing behavior is established by the equipment schedule.

Inspect rack contacts
Review connector condition and signs of heating before reapplying power.

Measure under the required duty
Record both outputs at their receiving circuits during the approved startup test.

Lifecycle Status

The factory lifecycle phase of 07NG63R1 GJV3074313R1 is unconfirmed. R1 identifies the retained Procontic T200 rack-power execution; R2 is a separate revision.

Review both output budgets and the basic rack's processor/coupler arrangement. The R1 power family includes different mains/DC input designs and different allocations between the two output rails.

The supply module is separate from the rack loads, mains protection and any external auxiliary distribution.

Available Unit Details

Offered reference	ABB 07NG63R1 GJV3074313R1
Identity check	Request the R1/GJV nameplate, input-selection markings and views of the rack/power connection areas.
Physical review	The offered item is the rack supply, without a rack, processor or field loads unless listed. The selected input and both output domains require confirmation against the actual rack before energization and loaded acceptance.
Included items	one dual-output rack supply; rack and external distribution separately listed

Request available-unit photos and details: sales13@apterpower.com

Technical notes

Rail allocation	The logic and auxiliary current limits must be applied independently.
Source comparison	07NG63 is a mains-input design; another 07NG reference may use a different source.
R1 evidence boundary	Use the R1 nominal input selections and output allocation. R2 input tolerances, protection behavior and connector assumptions are not transferred to this unit.

Alternative Names

ABB 07NG63R1 GJV3074313R1

Frequently Asked Questions (FAQ)

1. Why can a rack start after fitting 07NG63R1 GJV3074313R1 while an auxiliary device remains off?

The logic and auxiliary outputs serve different domains. Check the receiving 24 V circuit, its return and connected demand independently from the 5 V logic observation; a successful processor start does not validate auxiliary distribution.

2. What changes in the load review if 07NG61 R1 is proposed instead of 07NG63R1 GJV3074313R1?

The R1 catalogue allocates 9 A at 5 V and 0.5 A at 24 V to 07NG63, versus 4 A and 1.5 A to 07NG61. Compare both receiving demands; extra auxiliary capacity cannot compensate for an insufficient logic allowance.

3. Why must the rack processor or coupler be identified when ordering 07NG63R1 GJV3074313R1?

ABB assigns 07NG63 R1 to basic racks with 07ZE62 or couplers/pre-processors. Record the actual rack occupant and supply connection, so selection includes the receiving architecture rather than just a mains label.

4. Can 07NG68 R1 take the same source wiring as 07NG63R1 GJV3074313R1?

No. The R1 catalogue identifies a 24 V DC input for 07NG68 and mains selections for 07NG63. Any proposed change needs a source and connection review before it can be considered.

5. How should spare capacity on one output of 07NG63R1 GJV3074313R1 be evaluated?

Budget each output separately using its own rating and connected loads. No transfer of unused capacity between the 5 V and 24 V outputs is established by the R1 data.

6. Which test distinguishes an unloaded result from useful rack operation on 07NG63R1 GJV3074313R1?

Compare both rail voltages at their receiving circuits during the approved connected-load startup and operating sequence. Record processor/coupler behavior and auxiliary operation together with those measurements.

7. May R2 input tolerance figures be applied to 07NG63R1 GJV3074313R1?

The R1 selection is a different hardware execution. Use its nominal 115/230 V selections and the actual unit drawing; do not relabel R2 tolerances, frequency limits or protection functions as R1 specifications.

8. What should be checked before changing the mains selection of 07NG63R1 GJV3074313R1?

Compare the actual supply voltage, R1 input-selection markings and retained connection drawing with the installation's approved electrical procedure. The two nominal selections do not establish automatic ranging or permission to reconnect an energized unit.

Downloads

The technical reference covers Procontic T200 rack power. The independent field guide develops t200 mains selection and split-rail load review.

07NG63R1 GJV3074313R1 Original Technical Reference Excerpt	Selected original manufacturer pages for the applicable interfaces and technical data. PDF · 1 pages · 344.5 KB.
07NG63R1 GJV3074313R1 Installation & Commissioning Guide	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. PDF · 2 pages · 91.9 KB.

Selected original technical pages and a separate installation guide support this product.

What happens after you enquire

Review your reference	Send the full marking, quantity and label photos. We review the item and any version details that need clarification.
Confirm the offer	Check the quoted reference, condition, included items and expected dispatch date before approving your order.
Arrange dispatch	Confirm delivery details and receive the tracking number when it becomes available.

Ordering checks

Include 07NG63R1 GJV3074313R1 and every revision or approval marking visible on the item. Keep the exact reference on your enquiry and quotation.

Request available label and interface photos. Have your maintenance team compare the offered 07NG63R1 GJV3074313R1 reference with the installed equipment and applicable ABB documentation.

Service and support

Dispatch Planning	Confirm stock and lead time with our team.
Dedicated Manager	Personalized one-to-one VIP service
ISO 9001:2015 Certified	Trusted quality management
Warranty Policy	Review the applicable warranty coverage and claim process.
Return Notice	Check the return process and obtain approval before sending an item back.
Shipping Method	Review shipping arrangements, transit estimates and delivery responsibilities.
Parts Availability	Browse stock listings and confirm current availability with our team.
How to order	See how to submit an enquiry, review a quotation and confirm an order.

Discuss your requirement

Send the full marking, label photos, quantity and required date. Our team will review the available sourcing options with you.

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Related product references

Separate supply references; listing does not establish interchangeability.

ABB CI520V1 3BSE012869R1	Advant Fieldbus Communication Interface; separate supply reference
ABB 07EA61R1 GJV3074351R1	Isolated Analog Current Input Module; separate supply reference

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