ABB 07KP64 GJR5240600R0101

RCOM Communication Processor

ABB 07KP64 GJR5240600R0101 is a Procontic T200 RCOM communication processor with master/slave operation, a modem interface and a separate commissioning console path.

Sourcing Support | 12-Month Warranty

Product summary

Manufacturer part number	07KP64 GJR5240600R0101
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	7.1cm x 13cm x 25cm
Country of Origin	Sweden
Manufacturer	ABB
Product Category	PLC Systems
Spare Part Number	07KP64 GJR5240600R0101
Weight	0.8 kg

Buyer information / Overview

The RCOM processor must be distinguished from the adjacent MODBUS and PDnet communication products. A similar serial connector does not establish the same protocol or application program.

Remote communication role

RCOM links the retained T200 and supported supervisory-system arrangement.

Separate console access

Commissioning observation is distinct from the modem communication path.

Application-aware exchange

Protocol functions include startup, data transfer, event polling and clock synchronization.

The R101 communication processor has two RS-232 interfaces and uses RCOM for its remote communication duty. Keep console access separate from the modem/application link: successful commissioning access does not demonstrate remote process-data exchange.

The RCOM modem interface uses RS-232-C, while the additional console interface supports commissioning tasks such as observing the communication sequence and setting telephone numbers. Keep the modem and console destinations separate. The interface-cable table identifies 07 SK 90 for the console-to-terminal relationship and 07 SK 92 for the RCOM-to-standard-modem relationship.

The supported RCOM functions include cold and warm start, reset, clock synchronization, data reading/writing and event polling. Preserve the RCOM application and remote-node behavior when exchanging the processor. The programming computer specifications in the software documentation must not be quoted as onboard processor memory or electrical data.

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

Technical Specifications

RCOM slaves, network maximum	254
RCOM slaves with MasterPiece 200	8
Serial interface connector	9 pole
Serial interface electrical standard	RS-232-C / EIA RS-232-C
Serial interfaces	2 x RS-232

Technical source: ABB Procontic T200 Software 907 KP 64, 2CDC120094M0201, and Interface Cables 2CDC120045M0202; ABB Procontic T200 R1 catalogue GATS121401R2003. Functional information applies to the 07 KP 64 RCOM processor. PC memory, disk and operating-system requirements in the software publication describe the programming computer, not the module. The full GJR supply code is retained without inferring undocumented hardware ratings.
Apter Power product summary. Original technical pages and a field guide are available in Downloads.

Applications / Compatibility

Use 07KP64 in the retained Procontic T200 RCOM application, with the documented supervisory-system and remote-node roles.

Select the cable by modem or console duty. The 907 KP 64 software environment is a programming context, not a module hardware specification.

RCOM master network

Retain the master role and the actual remote-node list. Apply the network limit appropriate to the supervisory system used by the installation.

RCOM slave station

Restore the configured station role and data exchange expected by the master. Check remote startup and polling behavior before returning the link.

Modem communication path

Match the RCOM interface and 07 SK 92 standard-modem cable relationship. Do not substitute the console cable because both ends appear serial.

Commissioning console

Use the separate console path for the documented sequence and telephone-setting tasks. A working console does not prove the remote modem link.

Product Precautions

Prepare ABB 07KP64 GJR5240600R0101 using the following checks for its documented interface and system duty.

Retain the RCOM application Save the existing program and remote-node assignments before exchange.	**Separate console and modem** Tag both cable destinations and their different functions.
Check supervisory limits Use the limit for the actual MasterPiece or general RCOM arrangement.	**Do not transfer PC specifications** Programming-computer RAM and DOS requirements are not module parameters.
Review startup behavior Compare cold/warm-start expectations with the retained remote application.	**Test real data exchange** Verify the intended read/write or event-polling duties across the remote link.

Lifecycle Status

The factory lifecycle phase of 07KP64 GJR5240600R0101 is unconfirmed. Its retained T200 duty is RCOM communication, with distinct console and modem connection purposes.

Preserve the RCOM program, station role and supervisory relationship. The RS-232 hardware resemblance of another processor does not preserve event polling, clock synchronization or startup behavior.

The communication processor is separate from the modem, console terminal, interface cables and programming software.

Available Unit Details

Offered reference	ABB 07KP64 GJR5240600R0101
Identity check	Request the complete 07KP64/GJR marking and both serial interface areas, with the installed console and modem cable labels visible in separate photographs.
Physical review	The processor is supplied separately from the console cable, modem and programming software unless listed. Remote data exchange, event handling and startup behavior remain application acceptance checks.
Included items	one RCOM communication processor; modem, cables and software separately identified

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

Technical notes

Protocol boundary	RS-232-C describes the electrical interface; it does not imply MODBUS or a different communication application.
Network boundary	The general RCOM slave limit and the MasterPiece 200 limit are different conditions.
Processor versus workstation	The R101 processor has two RS-232 interfaces. The 907 KP 64 programming-PC requirements describe a different piece of equipment and must not be used as processor memory ratings.

Alternative Names

ABB 07KP64 GJR5240600R0101

Frequently Asked Questions (FAQ)

1. Does an RS-232 connector make 07KP64 GJR5240600R0101 interchangeable with a MODBUS processor?

No. The electrical interface does not establish the communication protocol or application program. Confirm the retained RCOM duty and remote-node behavior before considering a change.

2. Why is the MasterPiece 200 connection important when sizing a network around 07KP64 GJR5240600R0101?

The documented slave-count limit for that supervisory arrangement is lower than the general RCOM maximum. Use the actual master/system context when validating the remote-node list.

3. Which cable relationship distinguishes the console from the modem on 07KP64 GJR5240600R0101?

The manufacturer table identifies 07 SK 90 for the console/terminal relationship and 07 SK 92 for the RCOM/standard-modem path. Match the connection duty instead of choosing by plug appearance.

4. If the console of 07KP64 GJR5240600R0101 works, has the remote communication link passed?

No. The console and modem paths are separate. Prove the intended remote data exchange and node behavior in addition to successful commissioning access.

5. Why should a console-cable adaptor be checked when commissioning access to 07KP64 GJR5240600R0101 fails?

The 07 SK 90 console arrangement includes terminal/adaptor and active/passive connection choices. Compare the fitted cable and terminal setup with that connection scheme before treating a blank console as failure of the separate RCOM modem path.

6. What must be preserved when changing 07KP64 GJR5240600R0101 in a station that uses clock synchronization?

Retain the RCOM program, station role and the way the application uses its software clock/time. Verify the remote synchronization behavior after restoration.

7. Why can current data arrive through 07KP64 GJR5240600R0101 while alarms from a remote station remain absent?

The RCOM software supports event polling in addition to ordinary data exchange. Compare the intended node's event-poll behavior and application handling separately from a successful read/write transaction.

8. What must be checked when 07KP64 GJR5240600R0101 communicates after a warm start but not a cold start?

Compare the retained RCOM program, station role and intended startup/reset sequence. The supported cold- and warm-start functions are different application events; record remote-node response rather than treating either result as a universal modem failure.

Downloads

The technical reference covers Procontic T200 RCOM. The independent field guide develops rcom roles, modem routing and application exchange.

07KP64 GJR5240600R0101 Original Technical Reference Excerpt	Selected original manufacturer pages for the applicable interfaces and technical data. PDF · 5 pages · 382.3 KB.
07KP64 GJR5240600R0101 Installation & Commissioning Guide	RCOM Roles, Modem Routing and Application Exchange. Keep protocol, station role and modem/console paths explicit before proving the actual remote application duties. PDF · 2 pages · 92.2 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 07KP64 GJR5240600R0101 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 07KP64 GJR5240600R0101 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 SA610 3BHT300019R1	Control System Power Supply Module; separate supply reference
ABB CI520V1 3BSE012869R1	Advant Fieldbus Communication Interface; separate supply reference

Discuss 07KP64 GJR5240600R0101 and the installed application with Apter Power.
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