

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6GK7442-1RX00-0XE0

redundant network processor

SIEMENS	
Product index	1
Properties and services	2
Performance data	3
Requirements for use	4
LEDs	5
Installation and commissioning	6
Manual	7
Notes on operation	8
Technical specifications	9
Approvals	A
PSB-compatible devices	B
Documentation references	B
Manual Part 3	
6ES7011-1EX00-0AA0	

PRODUCT	6GK7442-1RX00-0XE0
FAMILY	SIMATIC S7-400 communication
FUNCTION	redundant network processor
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens Simatic Net documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Ethernet Interfaces	1 standard plus 2 RNA ports
Ethernet Rate	10/100 Mbit/s
RNA Port Rate	100 Mbit/s full duplex
Protocols	ISO, ISO-on-TCP, TCP and UDP
Redundancy Protocol	Parallel Redundancy Protocol
Rack Supply	5 V DC via S7-400 backplane

02

PREPARATION AND CONNECTION

- Confirm the complete 6GK7442-1RX00-0XE0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

SIEMENS

SIMATIC NET

S7-400 - Industrial Ethernet CP 442-1 RNA

Manual

Product notes

Properties and services	1
Performance data	2
Requirements for use	3
LEDs	4
Installation and commissioning	5
Upkeep and maintenance	6
Notes on operation	7
Technical specifications	8
Approvals	9
PRP-compatible devices	A
Documentation references	B

Manual Part B

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04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens official product documentation
Product record	6GK7442-1RX00-0XE0
Manufacturer	Siemens Simatic Net
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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