

5ACPCI.ETH3-01

Three-port PCI Ethernet card

B&R 5ACPCI.ETH3-01 is a Three-port PCI Ethernet card. It performs the documented Automation PC system role in the approved industrial installation.

BRAND	B&R	FAMILY	Automation PC
PART	5ACPCI.ETH3-01	SYSTEM ROLE	Provides the documented three-port pci ethernet card function

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5ACPCI.ETH3-01

MANUFACTURER SOURCE RECORD

B&R 5ACPCI.ETH3-01 product data
B&R product record 5ACPCI.ETH3-01

Product Overview

SYSTEM FUNCTION

B&R 5ACPCI.ETH3-01 is a Three-port PCI Ethernet card. It performs the documented Automation PC system role in the approved industrial installation.

FUNCTION 1

Provides the documented three-port pci ethernet card function

FUNCTION 2

Uses exact B&R article identity 5ACPCI.ETH3-01

FUNCTION 3

Integrates with the matched Automation PC hardware

FUNCTION 4

Supports controlled diagnostics and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Automation PC
Primary interface	Provides the documented three-port pci ethernet card function
Engineering context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 5ACPCI.ETH3-01. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning duty	Complete a controlled functional test and retain the acceptance result before production release.

TECHNICAL NOTE

Record adapter order, IP settings and cable destinations, isolate PC power and use ESD controls before installing the PCI card.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
B&R ID	0xA58B	Maximum segment	100 m
Ethernet ports	3	PCI voltage	Universal 3.3/5 V
Controller	Intel 82551ER	Card size	Half-size PCI
Connectors	Shielded RJ45	Slot	Standard 16-bit PCI
Data rate	10/100 Mbit/s		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page
B&R 7CP476.60-1	Related industrial automation product	View B&R 7CP476.60-1 page
B&R 7CP474.60-1	Related industrial automation product	View B&R 7CP474.60-1 page
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page
B&R 8I0IF109.400-1	Related industrial automation product	View B&R 8I0IF109.400-1 page
B&R 5AP1130.185C-000	Related industrial automation product	View B&R 5AP1130.185C-000 page
Bihl+Wiedemann BWU3274	Related industrial automation product	View Bihl+Wiedemann BWU3274 page
Bihl+Wiedemann BWU1777	Related industrial automation product	View Bihl+Wiedemann BWU1777 page

ENGINEERING BOUNDARY

Confirm B&R 5ACPCI.ETH3-01, Automation PC host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

Automation PC system maintenance

Restores the documented three-port pci ethernet card function in an engineered installation.

Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented b&r id and ethernet ports before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

Product Precautions

- 1

Confirm the complete B&R 5ACPCI.ETH3-01 marking and installed Automation PC position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify b&r id (0xA58B) against the installed project and connected hardware.
- 6

Verify ethernet ports (3) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R 5ACPCI.ETH3-01, Automation PC host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	5ACPCI.ETH3-01
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional release	Complete a controlled functional test and retain the acceptance result before production release.

Engineer FAQ

Q1 Which Automation PC position accepts 5ACPCI.ETH3-01?

Use the approved Automation PC position and confirm the complete B&R 5ACPCI.ETH3-01 article identity.

Q3 Which value is checked first for 5ACPCI.ETH3-01?

Check b&r; id: 0xA58B.

Q5 What should be recorded before removing 5ACPCI.ETH3-01?

Record every power, signal, network, terminal and configuration assignment.

Q7 How is 5ACPCI.ETH3-01 recommissioned?

Restore the approved hardware and project, then review diagnostics in the prescribed startup sequence.

Q2 Which documented function does 5ACPCI.ETH3-01 provide?

It provides the documented three-port pci ethernet card role in the configured system.

Q4 Which second interface value governs 5ACPCI.ETH3-01?

Verify ethernet ports: 3.

Q6 How is 5ACPCI.ETH3-01 handled safely?

Isolate applicable energy, apply ESD controls and protect all connectors and terminals.

Q8 What releases 5ACPCI.ETH3-01 to service?

A controlled functional test with the expected response and no unresolved diagnostics.

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