5ACPCI.ETH3-01

Three-port PCI Ethernet card

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	5ACPCI.ETH3-01
Manufacturer part	5ACPCI.ETH3-01
Hardware type	0xA58B
System family	B&R industrial PC option

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

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01 PRE-INSTALLATION PLAN

1. Verify the full 5ACPCI.ETH3-01 marking and its assigned B&R industrial PC option position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and three independent 10/100 mbit/s ethernet network channels field energy before disconnecting conductors.
4. Record connector, conductor, address and software identities before removal.
5. Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- compatible B&R industrial PC
- standard PCI slot
- Ethernet cables and switches
- operating-system network configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	5ACPCI.ETH3-01 / 5ACPCI.ETH3-01 recorded
Physical interface	compatible B&R industrial PC
Companion check	standard PCI slot
Functional proof	Provides three shielded RJ45 ports
Application test	Multi-network industrial PC

02 WIRING & INTERFACE CHECKS

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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW

1. Confirm 5ACPCI.ETH3-01 and part number 5ACPCI.ETH3-01 against the installed record.
2. Verify the physical connection to compatible B&R industrial PC.
3. Apply the documented technical values for b&r id.
4. Exercise the function: provides three shielded rj45 ports.
5. Run a controlled test for multi-network industrial pc.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	5ACPCI.ETH3-01 / 5ACPCI.ETH3-01 recorded
Physical interface	compatible B&R industrial PC
Companion check	standard PCI slot
Functional proof	Provides three shielded RJ45 ports
Application test	Multi-network industrial PC

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed compatible B&R industrial PC and standard PCI slot against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended multi-network industrial pc function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	5ACPCI.ETH3-01
INSTALLED POSITION	Documented B&R industrial PC option position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
DLM01	Related industrial automation product	**View DLM01 page**
DDO01	Related industrial automation product	**View DDO01 page**
DAO01	Related industrial automation product	**View DAO01 page**
DAI05	Related industrial automation product	**View DAI05 page**
DAI04	Related industrial automation product	**View DAI04 page**
DAI01	Related industrial automation product	**View DAI01 page**
DO910S-3KDE175321L9100	Related industrial automation product	**View DO910S-3KDE175321L9100 page**
CI522-3BSE012790R1	Related industrial automation product	**View CI522-3BSE012790R1 page**

SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data

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