AB7000-C

Anybus Communicator serial master to PROFIBUS

CONTROLLED ENGINEERING COPY

Back up the Anybus configuration, record serial framing and PROFIBUS node settings, then validate every mapped data item after replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	AB7000-C
Manufacturer part	AB7000-C
Hardware type	Serial master to PROFIBUS
System family	HMS Anybus gateway

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

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01 PRE-INSTALLATION PLAN

1. Verify the full AB7000-C marking and its assigned HMS Anybus gateway position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and rs-232/422/485 serial telegrams mapped to profibus 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

- serial field devices
- PROFIBUS master
- DIN-rail control cabinet
- approved Anybus configuration file

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	AB7000-C / AB7000-C recorded
Physical interface	serial field devices
Companion check	PROFIBUS master
Functional proof	Maps serial device data into PROFIBUS
Application test	Legacy serial-device integration

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Gateway role	Serial master to PROFIBUS
Serial interfaces	RS-232; RS-422; RS-485
Fieldbus	PROFIBUS
Configuration	Anybus Configuration Manager
Mounting	DIN rail

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	serial field devices
Companion hardware	PROFIBUS master
Field connection	DIN-rail control cabinet
Primary system function	Maps serial device data into PROFIBUS
Controlled acceptance duty	Legacy serial-device integration

FIELD NOTE

Back up the Anybus configuration, record serial framing and PROFIBUS node settings, then validate every mapped data item after replacement.

03 COMMISSIONING WORKFLOW

1. Confirm AB7000-C and part number AB7000-C against the installed record.
2. Verify the physical connection to serial field devices.
3. Apply the documented technical values for gateway role.
4. Exercise the function: maps serial device data into profibus.
5. Run a controlled test for legacy serial-device integration.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	AB7000-C / AB7000-C recorded
Physical interface	serial field devices
Companion check	PROFIBUS master
Functional proof	Maps serial device data into PROFIBUS
Application test	Legacy serial-device integration

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed serial field devices and PROFIBUS master against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended legacy serial-device integration function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	AB7000-C
INSTALLED POSITION	Documented HMS Anybus gateway 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
DSQC346G	Related industrial automation product	**View DSQC346G page**
6ES7317-2EK13-0AB0	Related industrial automation product	**View 6ES7317-2EK13-0AB0 page**
6ES7317-2AJ10-0AB0	Related industrial automation product	**View 6ES7317-2AJ10-0AB0 page**
RRIA-01	Related industrial automation product	**View RRIA-01 page**
PR9268-200-000	Related industrial automation product	**View PR9268-200-000 page**
330104-01-05-10-02-00	Related industrial automation product	**View 330104-01-05-10-02-00 page**
330101-20-36-10-02-00	Related industrial automation product	**View 330101-20-36-10-02-00 page**
330709-000-130-10-02-00	Related industrial automation product	**View 330709-000-130-10-02-00 page**

SOURCE IDENTIFIERS

HMS Networks official product data

AB7000-C

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