APTER■POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

AB7000-C

Anybus Communicator serial master to PROFIBUS

RS-232/422/485 serial telegrams mapped to PROFIBUS

IDENTITY	VERIFIED VALUE
Manufacturer	Anybus
System family	HMS Anybus gateway
Part number	AB7000-C
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

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2 Technical Specifications

Technical values below are limited to the named Anybus product record.

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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

3 System Role and Architecture

RS-232/422/485 serial telegrams mapped to PROFIBUS

FUNCTION 1

Maps serial device data into PROFIBUS

FUNCTION 2

Supports RS-232, RS-422 and RS-485

FUNCTION 3

Acts as the serial master

FUNCTION 4

Uses Anybus configuration software

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

4 Applications and Engineering Context

Legacy serial-device integration

Maps serial device data into PROFIBUS

PROFIBUS retrofit

Supports RS-232, RS-422 and RS-485

Multi-drop RS-485 gateway

Acts as the serial master

Gateway replacement

Uses Anybus configuration software

TECHNICAL NOTE

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

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

5 Engineering Precautions

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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC693MDL741G	Related industrial automation product	**View IC693MDL741G page**
IC670MDL640	Related industrial automation product	**View IC670MDL640 page**
DS200SLCCG3AFG	Related industrial automation product	**View DS200SLCCG3AFG page**
F31X134EPRBEG1-FR00-0	Related industrial automation product	**View F31X134EPRBEG1-FR00-0 page**
2711P-RC3	Related industrial automation product	**View 2711P-RC3 page**
PC-E984-685	Related industrial automation product	**View PC-E984-685 page**
2711-B6C1	Related industrial automation product	**View 2711-B6C1 page**
DSTD110A	Related industrial automation product	**View DSTD110A page**

MANUFACTURER SOURCE RECORD

HMS Networks official product data

AB7000-C

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