

Anybus Communicator – AB7043

USS master to Profinet-IO device Gateway

The Anybus Communicator “USS” gateway interconnects Siemens Drives with USS-Interface to Profinet IO. The Gateway acts as “Device/Slave” on the Profinet side and operates as Master on the USS side. Up to 31 drives with USS-Interface can be simultaneously connected to one Anybus USS Gateway. The Gateway permits parameterization, monitoring and control of the drives via Profinet IO.



Gateway configuration of the Profinet side as well as the USS master side is made using a Profinet configuration tool, eg. Siemens Step7. The Anybus Communicator USS Gateway was jointly developed by HMS and Siemens and is tested and approved for usage with the SIMOVERT MASTERDRIVES series, the MICROMASTER MM4xx series and SINAMICS G110

KEY FEATURES

- Max. 512 bytes of Input data and 512 bytes of Output data
- Supports Siemens serial USS protocol via RS485
- Selectable serial Baudrates between 9,6 kbit/s and 38,4kbit/s
- Multi-drop up to 31 nodes on USS side
- Profinet-IO device with Real Time functions
- USS configuration via GSD file in Siemens Step7 configuration tool

TECHNICAL SPECIFICATIONS

Size: 120 mm x 75 mm x 27 mm

Power Supply: 24VDC

Temperature: 0 to +55°C

Current Consump: Max 280 mA

Baud Rate: 100 Mbit

Sub Baud Rate: 9,6 kbit/s up to 38,4kbit/s

Mech Rating: IP20

Req Software: Profinet IO configuration tool

Config Method: GSD file

Humidity: 0-95 % non condensed

Certified:: CE, UL, cUL

Fieldbus conformance: Tested and verified for Profinet-IO conformance

Order Code: AB7043