Anybus Communicator – AB7044

USS master to Ethernet ModbusTCP Gateway

The Anybus Communicator "USS" Gateway interconnects Siemens Drives with USS-Interface to Ethernet ModbusTCP. The Gateway acts as "Slave/Server" on the Ethernet 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 parametration, monitoring and control of the drives via Modbus-TCP.
Gateway configuration is made via an integrated webpage, or via a structured text file uploaded with FTP. 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

- 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
- Modbus-TCP class 0, class 1 and partial class 2 server functionality
- FTP-Server with multiple level Access Protection
- Modbus-TCP configuration via an intergrated webpage or structured text file
- Support for ModbusTCP I/O-scanning

TECHNICAL SPECIFICATIONS

Size:	120 mm x 75 mm x 27 mm
Power Supply:	24 VDC
Temperature:	0°C to + 55°C°C
Current Consump:	280 mA
Baud Rate:	10 or 100 Mbit/s
Sub Baud Rate:	9,6 kbit/s up to 38,4 kbit/s
Mech Rating:	IP20
Config Method:	Via web-page or structured text file
Humidity:	0-95 % non condensed
Certified:	CE, UL, cUL
Order Code:	AB7044