ControlNet Serial Gateway

The Anybus Communicator Gateway for ControlNet is an external DIN-rail mounted gateway which provides ControlNet network connectivity via a serial RS232/RS422/RS485 interface. The Communicator contains a conformance tested Anybus-S ControlNet interface.
It has serial protocol support for Modbus RTU Master Mode and Generic Data Mode which is fully configurable through theABC Config Tool and the configuration port on the AnyBus Communicator. Other protocols can be implemented by HMS on request.

The delivery comes complete with a DSUB connector with screw terminals for the serial sub-network, CD with Configuration Software and User Manuals, RS232 Configuration Cable and a short Installation Leaflet for the electrical installation.

KEY FEATURES
■ **RS232/422/485 selection possible**
■ **Supports Modbus RTU Master & Generic Data mode**
■ **Multi-drop to up to 31 nodes**
■ **ABC config tool for easy configuration**
■ **UL & cUL marked**
■ **ControlNet Specification version: Communications Adapter profile 12**
■ **Multicasts of both inputs and peer-to peer data**
■ **MacID node address setting via DIP switch**
■ **Media redundancy**
■ **RG-6 quad shielded cable**
■ **Network Access Port (NAP)**
■ **DIN-rail mountable - PE via DIN-rail**

TECHNICAL SPECIFICATIONS	
Size:	120 mm x 75 mm x 27 mm
Power Supply:	24 VDC
Temperature:	0 to +55°C
Current Consump:	Max 300 mA
Baud Rate:	5Mbit/S
Sub Baud Rate:	RS232, RS422, RS485
I/O Input:	450 bytes
I/O Output:	450 bytes
Mech Rating:	IP20
Profile Support:	Communications Adapter profile 12
Supp Features:	Redundant media & cyclic messaging
Config Method:	ABC Config Tool for Windows
Appl Interface:	RS232, RS422, RS485
Included accessories:	CD with software and User Manuals, Configuration Cable RS232, DSUB with screw terminals for Sub-Network, Installation Leaflet.
Order Code:	**AB7006**