



The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The Profibus DP/DPV1 slave interface is implemented according to the standard IEC61158 as a modular slave, supporting all standard functionality such as Watchdog, Sync and Freeze and diagnostics. Standard DP as well as DPV1 acyclic data services (Class1/Class2) are supported. The Profibus interface module is certified by the Profibus user organization and has proven conformance and interoperability with leading PLC's, HMI's etc. Profibus address is set via rotary switches 0-99.

The CANopen interface is an adapter class product allowing fast data exchange. The CANopen slave's data map consists of Process Data Objects (fast data) and Service Data Objects (slow data). The data on the CANopen bus is updated when a change is made or on request from another node. The CANopen interface module is certified by the Can In Automation organisation and has proven conformance and interoperability with leading PLC's, SoftPLC's, HMI's etc

KEY FEATURES

- Watchdog support
- Sync and Freeze
- Supports PA baud rate 45.45 kbit/s
- CANopen PDO and SDO data objects supported
- CANopen Unscheduled data exchange support
- Complete Profibus DP and DPV1 (Class1/Class2) slave functionality according to IEC 61158
- CANopen profile DS-301 v.4.02
- Customizable PDO-mapping
- Heartbeat and node guarding support
- Network Stor/Restore functionality

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Max 244 bytes using DP / 512 bytes using DPV1
I/O Output:	Max 244 bytes using DP / 512 bytes using DPV1
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connector:	2-pole 5.08 mm Phoenix pluggable screw connector
Profibus baudrate:	9600 bit/s - 12 Mbit/s autodetect
Profibus address:	Node address 0-99
Profibus connector:	D-sub 9-pin female
Profibus config.:	Configured by Profibus Master via GSD file (provided by HMS)
CANopen baudrate:	10 kbit/s to 1 Mbit/s
CANopen connector:	D-sub 9-pin male
CANopen address:	Node address 1-99
CANopen config.:	Configured by CanOpen Master via EDS file (provided by HMS)
Price Group:	A
Order Code:	AB7849