

AS-Interface Master - Interbus Slave Cu



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 Anybus-M AS-Interface Master module supports up to 62 slaves with a maximum of 248 digital input, 186 output signals. All standard services are available including detailed diagnostics. The network interface is optically isolated and equipped with a 2 pin pluggable screw connector. The Master supports intelligent auto-configuration or manual configuration via terminal program such as Hyper Terminal for Windows.

The AS-interface module is certified by the AS Interface user organization and has proven conformance and interoperability with leading manufacturers of I/O, sensors, valves etc.

The Interbus 2Mbit/s interface module is a slave node that can be read from/written to by an Interbus master. Interbus has two ways of exchanging data; one through fast cyclical I/O data called ?Process Data?, and one through a somewhat slower protocol called PCP, which is mainly used for configuration purposes. It supports Interbus PCP V2.0. The module supports up to 10 words of data on the bus, out of which up to four words can be used for PCP.

KEY FEATURES

- Manages control of up to 62 AS-Interface slaves
- 248 digital inputs and 186 digital outputs
- Supporting AS-Interface version 2.1 (compatible to version 2.0)
- Intelligent auto configuration support
- Individually isolated Bus In and Bus Out Interbus interfaces
- Up to 10 words of Process data on Interbus
- Interbus PCP v2.0 (0, 1, 2 or 4 words)

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:	Default 20 bytes, max 64 bytes (248 digital inputs on ASI, max 20 bytes as I/O on Interbus)
I/O Output:	Default 20 bytes, max 64 bytes (186 digital outputs on ASI, max 20 bytes as I/O on Interbus)
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
AS-I baudrate:	167 kbit/s
AS-I connector:	2 x 2-pole 5.08 mm Phoenix pluggable screw connectors
Interbus Baudrate:	500Kbit/s or 2Mbit/s
Interbus connectors:	D-sub 9-pin ? Bus In male, Bus Out female
Price Group:	A
Order Code:	AB7825