AS-Interface Master - EtherCAT Slave

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 AS-Interface Master for the Anybus X-gateway implements an extended AS-Interface master (M4), and complies to version 3.0 of the AS-I Complete Specification.
It supports up to 62 slaves with a maximum of 248 digital input and 186 output signals. It also supports 124 analog values. 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 via the on-board configuration button or manual configuration via a 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 EtherCAT Slave Interface for the Anybus X-gateway implements CANopen over EtherCAT, and exchanges up to 512 bytes of data in each direction. The interface acts as a slave node, which means it can be accessed by an EtherCAT master, but it will not initiate communication by itself.
The module has two RJ45 connectors using 100 Mbit full duplex Ethernet. For configuration a XML-format device despription file is supplied by HMS.

KEY FEATURES
Manages control of up to 62 AS-Interface slaves
248 digital inputs and 186 digital outputs
Intelligent auto configuration support
EtherCAT interface supports CANopen objects (SDOs&PDOs)
Up to 512 bytes of cyclic data in each direction (PDO)
Up to 512 bytes of acyclic data in each direction (SDO)
Supporting AS-Interface version 3.0

TECHNICAL SPECIFICATIONS	
Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300mA
I/O Input:	Default 20 bytes, max 64 bytes (248 digital inputs on ASI)
I/O Output:	Default 20 bytes, max 64 bytes (186 digital outputs on ASI)
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 connect:	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
EtherCAT baudrate:	100 Mbit/s
EtherCAT connector:	RJ45
Price Group:	B
Order Code:	AB7698