Masters and gateways

Dual channel AS-Interface to Ethernet (EtherNet/IP and Modbus TCP) with single power supply feature

This dual channel AS-Interface/Ethernet gateway interfaces (2) AS-Interface network to the Ethernet network. The gateway acts as a master for the AS-Interface network and as a node on the Ethernet network.
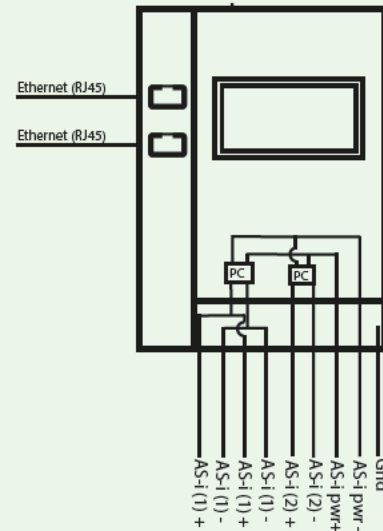
Features

- Gateway works with Ethernet/IP and Modbus/TCP
- Integrated Ethernet switch
- Device level ring (DLR) Ethernet/IP
- Version 3.0 master

- Ethernet web server for diagnostics
- Single power supply for 2 AS-i networks
- Chip card for storing configuration

Specifications	
AS-Interface master version	3.0
Interface	RJ45 10/100 MBaud Ethernet, integrated switch
Operating current	250mA
Operating voltage	30VDC
Baud rate	10/100 MBaud
AS-Interface cycle time	150 microsec x (AS-i slaves +2)
Displays	LCD display AS-i channel 1/2, green LED Ethernet active, green LED Config error, red LED Voltage ok, green LED AS-i ok, green LED Auto address enabled, green LED Config mode, yellow LED
Operating temperature	0º to 55ºC (32º to 131ºF)
Dimensions (L,W,H)	120mm, 85mm, 83mm
Ingress protection	IP20, field enclosure required
Weight	500g

Schematic drawing

Graphical display

The interactive graphical display on this gateway enables the entire AS-Interface network to be commissioned and the connected devices to be completely tested without a PC, PLC or host system. It also enables the user to complete all tasks previously requiring the "AS-Interface Control Tools" software package or hand-held. This allows for simpler and faster commissioning.

Features

- Set device addresses
- Test inputs and outputs
- Perform network diagnostics
- View error counter

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