

## I/O EXTENSION MODULES

IOX-DAIO

I/O Extender, 4 Dig, 2 Analog, 2 RTD I/P 2 Dig, 1 Analog O/P

- I/O Extension modules with MODBUS-RTU
- Compatible with EC series gateways
- 12-24V DC



### PRODUCT DESCRIPTION

The Netbiter® I/O Extender series is a collection of analog and discrete I/O modules with Modbus-RTU protocol communication. These modules are ideal for a wide variety of distributed I/O applications including data acquisition and control, process monitoring as well as test and measurement.

Designed for industrial applications, the DIN rail mountable Netbiter I/O extenders can be connected in parallel with other Modbus equipment in a multi-drop installation topology.

When using the Netbiter I/O extenders together with the Netbiter EasyConnect and WS series gateways, it is possible to monitor/control the I/O signals over Ethernet LAN's, Internet or GSM/GPRS networks. This makes a powerful solution for remote monitoring and control, alarm management and data logging of I/O's.

- Modbus RTU Slave with RS-485 communication
- Fully compatible with Netbiter EasyConnect and WS series for communication over Ethernet, GSM and GPRS
- Screw terminals for wiring
- LED Indicators
- DIP switch for Modbus address setting
- DIP switch to set module to known communication parameters
- DIN rail mounting

## TECHNICAL DATA

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|                             |                       |
|-----------------------------|-----------------------|
| Supply voltage              | 12-24 V DC            |
| Height                      | 109 mm                |
| Width                       | 23 mm                 |
| Depth                       | 98 mm                 |
| Relay output                | 2                     |
| Temperature operational max | 50 °C                 |
| Temperature operational min | -10 °C                |
| Digital inputs              | 4                     |
| Analogue inputs             | 2 x 0-10V / 0(4)-20mA |
| Approvals                   | CE                    |

Analogue outputs

1 x 0-10V / 0(4)-20mA

Protocol

RS-485 Modbus RTU

