

General

Order number	DDCS Nodes	DDCS Datasets/Node
PE1364B	18	8
PE1364B24	24	7

PE1364B is a protocol converter designed to read data traffic on DDCS communication and make the data available on Modbus TCP. PE1364B can also act as Slaves 1-8 on the Modulbus (DDCS). This give possibility to transfer data from AC80/AC800 to Modbus TCP.

The unit is enclosed in a metal box with connection terminal for Power supply. Connector type 9 pins Dsub for Service port RS232 (Modbus RTU 9600Baud).

The ModuleBus (DDCS) has optical fiber for transmit and received data.

Modbus TCP connection is made with RJ45 ethernet connector.

Dimensions and Mounting

PE1364B is mounted in a cubicle or in a separate enclosure together with 24V DC supply.

To obtain the best immunity to electric noise the PE1364B must be electrically connected to cubicle through 4 M5 screws in each corner.

Size: 196 x 170 mm (w x h)

Required mounting deep: 50mm

Mounting screws: 4 x M5

Mounting holes position: 176 x 160mm(w x h)

Data

Power supply 24V DC (12-30V DC)

Current consumption 170mA at 24V

Environmental data

Enclosure class IP00

Operation 5..+40 °C., Storage -40..+70 °C.

Communication to ABB AC80/AC800/AC4xx

PE1364B is connected in a ring with 1.0mm plastic fiber POF or 200µm Hard Clad Silica HCS fiber.

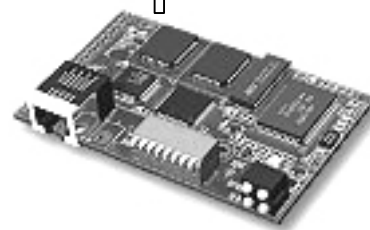
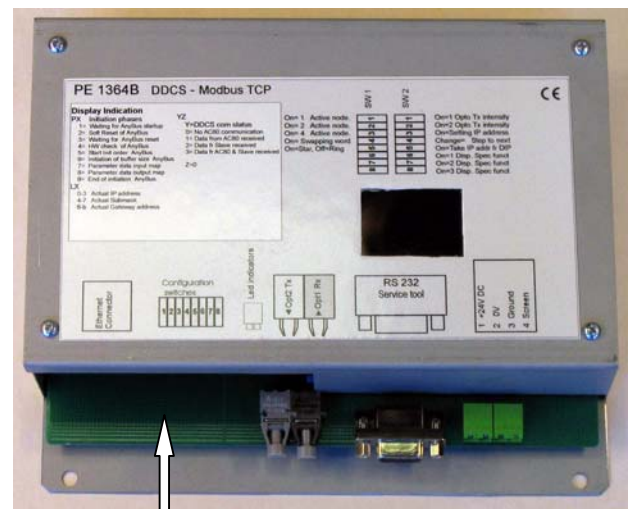
Opto fiber: Transmission speed 4Mbit

Max length : 200m of 200µmHCS (Use TB810) or 15m 1.0mm plastic (Use TB810 or TB811).

Communication to Modbus TCP

The AnyBus S ModbusTCP card is connected to Modbus TCP with RJ45 ethernet connector.

Front view



HMS AB
AnyBus – ModbusTCP
Module

Configuration example

