

General

PE1364C is a protocol converter designed act as up to 24 Slaves on the ModuleBus or DriveBus (DDCS). This give possibility to transfer data to and from AC800 to Ethernet IP (CIP protocol).

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

The TCP IP connection is made with RJ45 Ethernet connector.

The PE1364C can also act as an Modbus TCP server.

Dimensions and Mounting

PE1364C is mounted in a cubicle or in a separate enclosure together with 24V DC supply.

To obtain the best immunity to electric noise the PE1364C 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

PE1364C is connected in a ring or star with 1.0mm plastic fiber POF or 200µm Hard Clad Silica HCS fiber.

Opto fiber: Transmission speed 4Mbit

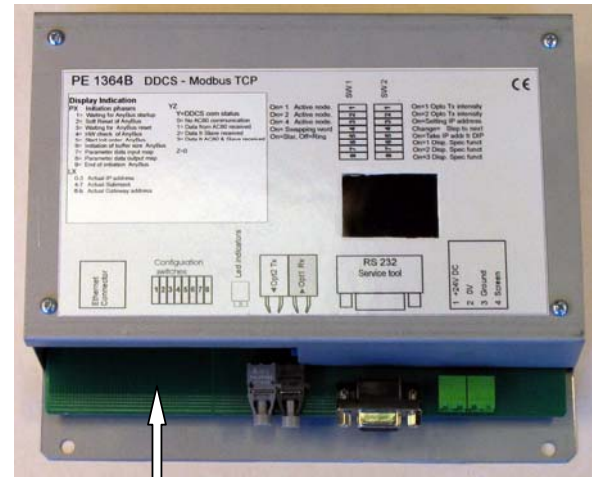
Max length : 200m of 200µmHCS or 15m 1.0mm plastic.

Max 576 Integers can be sent in each direction.

Communication to Modbus TCP

The AnyBus S ModbusTCP card is connected to Ethernet IP with RJ45 Ethernet connector

Front view



HMS AB
AnyBus – ModbusTCP
Module

Configuration example

