

General

PE1364 is a protocol converter designed to set up communication between AC80 and a Control Net scanner. The unit is enclosed in a metal box with connection terminal for Power supply. Connector type 9 pin Dsub for Service port RS232.

The ModuleBus has optical fiber for transmit and receive data.

Control Net connection A and B is made with BNC connectors.

Dimensions and Mounting

PE1364 is mounted in a cubicle or in a separate enclosure together with 24V DC supply.

To obtain the best immunity to electric noise the PE1364 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 130mA at 24V

Environmental data

Enclosure class IP00

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

Communication to ABB AC80/AC4xx

PE1364 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)

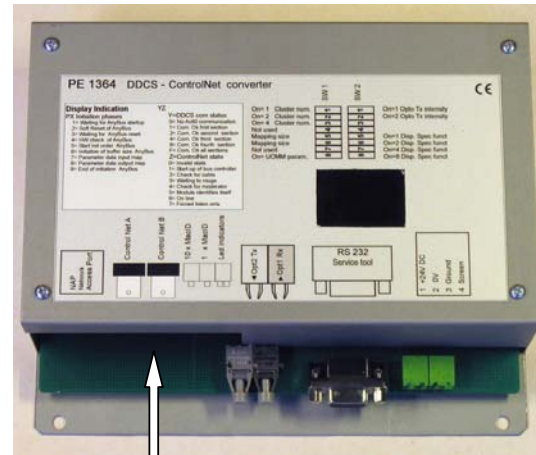
Communication to Control Net

The AnyBus S Control Net card is connected to Control Net with BNC connectors.

Use coaxial cable RG-6 quad shield.

Bus cable length max: 250m (coax) with 48 nodes.

Front view



HMS AB
AnyBus - ControlNet
module

Configuration example

