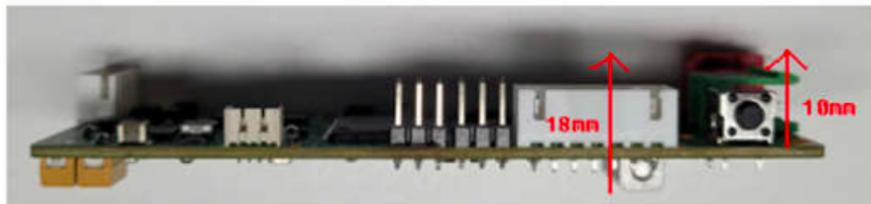# ANY3211-AUTBUS/RS485 Transfer Module

Overview

ANY3211 module is based on AUTBUS chip KY3001 to develop AUTBUS/RS485 bearer module, which is mainly used for devices with RS485 interface type to connect to AUTBUS network, providing seamless migration and upgrade from RS485 to high-speed bus network. It can be widely used in electric power, metallurgy, chemical industry, petroleum, intelligent factory, smart city, light industry and other industries. The product is safe, reliable and easy to install.

ANY3211 module provides 1 AUTBUS interface, 1 RS485 interface, 1 DC power supply interface and 1 DC power supply interface.

Key Features

AUTBUS Interface and Features

- 1 AUTBUS interface
- Interface type: AUTBUS connector
- Bandwidth: 100Mbps/500 meters (CAT5)
- Cable Requirement: Shielded Twisted Pair, Characteristic Impedance (32MHz) (100±10) Ω
- Parameters Configure: Node ID, communication mode need to be configured
- Configuration Tool: ATB-Config Tool

RS485 Interface and Features

- 1 RS485 interface
- Interface Type: 2.54pin header connector
- Communication Speed: 1200bps-12Mbps
- Support Application layer protocol customization
- Configuration Tool: ATB-Config

Power

- Power input: 7-35VDC
- Consumption: < 2W
- Protection: Support anti-reverse connection, over-voltage, over-current

Constructure

- Weight: <100g
- Dimension: 65mm x 18mm x 16mm (24mm)

Environmental

- Operating temperature: -40℃ ~ 85℃
- Storage temperature: -40℃ ~ 85℃
- Humidity: 95% non-condensing
- Altitude: <3500m

Fan

- Fanless

Mechanical Drawing