

FBs-CBE2

Ethernet Communication Board



Features

- Multi-client accessible
- Modbus Server operation mode
- FATEK Server and Client operation mode
- IP-based access control
- TCP/IP support 8 connections(Server operation mode)

Introduction

FBs-CBE2 is an Ethernet communication board for FATEK FBs series PLC.

FBs-CBE2 series is a small size CPU communication expansion board that does not occupy additional module space. Through this FBs-CPU expansion board, PLC can communicate with the controller or computer on the network by Ethernet actively (client mode) or passively (server mode).

This expansion board is suitable for all FBs-CPU modules. With this expansion board, remote monitoring and diagnosis of PLCs can be easily achieved.

When operating, this expansion board will occupy the Port 1 and Port 2 communication ports of the host. Port1 is fixed to FATEK server operation mode, which can be used for editing and debugging ladder programs. Port2 is used to support Modbus-TCP server operation mode and FATEK client operation mode. When in operation mode, Port1 and Port2 communication parameters will be automatically planned according to the set operation mode.

Specification

Network Specification

Network interface- 10/100BaseT

Network protocol- TCP/IP

Application protocol- FATEK, Modbus/TCP, DHCP, DNS, NetBIOS.

PLC interface- Port1, Port 2

PLC interface speed- 307.2Kbps

Operating mode- Server and client

Application ports- Modbus-TCP – 502, FATEK – 500

Security mechanism- IP-based access control
Configuration methods-via Ethernet with utility program.

Firmware update method- via Internet

Common Specification

Indicator(s) : LINK/ACT(Green LED) 、 SPEED(Red LED)

Internal Power Consumption: 5V, 250mA

Operating Temperature : 5~55℃

Storage Temperature : -25~70℃