CONNECT
GATEWAY MODULE

DESCRIPTION

Control Concepts’ Connect Module is a fieldbus gateway that can link up to 10 MicroFUSION units using CCI Link, a dedicated, real-time, deterministic digital bus.

The Gateway Module reduces per-point cost for digital system connectivity and gives full access to monitor parameters that are only available over a dedicated digital bus.

FEATURES

- Controls up to 10 Zones
- Protocols:
  - EtherCAT
  - EtherNet/IP
  - Modbus TCP
  - PROFINET (maximum 6 zones)
  - PROFIBUS (maximum 6 zones)
- Data Logger
  - Battery-backed real time clock
  - Secure Digital Card storage
  - Records data in 100 ms to 1 minute intervals
- Micro USB port for easy setup and configuration.
- Panel or DIN rail mounting

Connect Module with EtherCAT communications.

10x 80A MicroFUSIONs mounted on a liquid cooled heat sink with 10 node EtherCAT Connect gateway. Maximum power of 480 KW
**ENVIRONMENTAL**

- **Power Consumption**: 200 mA at 24 Vdc (Powered by CCI Link connection)
- **Surrounding Air Operating Temperature**: 32°F [0°C] - 122°F [50°C]
- **Humidity**: 20% to 90% RH Non-Condensing
- **Rated Operating Altitude**: Up to 6000 ft [1829 m]
- **Contaminates**: ROHS Compliant, CE Pollution Degree 2
- **Storage Temperature**: -4 to 127°F [-20 to 80°C]
- **Heatsink Operations**: Panel or Din Rail Mount

**DATA STORAGE**

- **Capacity**: 16 GB SD Card
- **Logging Channels**: Up to 10 devices
- **Logging Intervals**: 100 ms to 1 minute

**DIGITAL BUS PERFORMANCE**

- **Command Latency**: ≤100 ms
- **Monitor Latency**: ≤ 100 ms
- **Update Period**: ≤ 100 ms

**MODEL NUMBERS**

- **Communication**
  - L = Data Logger Only
  - E = Modbus TCP
  - C = EtherCAT
  - I = EtherNet/IP
  - N = PROFINET
  - P = PROFIBUS

- **Nodes**
  - 03 - Communicate with up to three nodes
  - 06 - Communicate with up to six nodes
  - 10 - Communicate with up to ten nodes

- **Configuration Data**
  - Supplied by Control Concepts, Inc.