

# CONTROL CONCEPTS CONNECT

## GATEWAY MODULE

### DESCRIPTION

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

The CONNECT 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

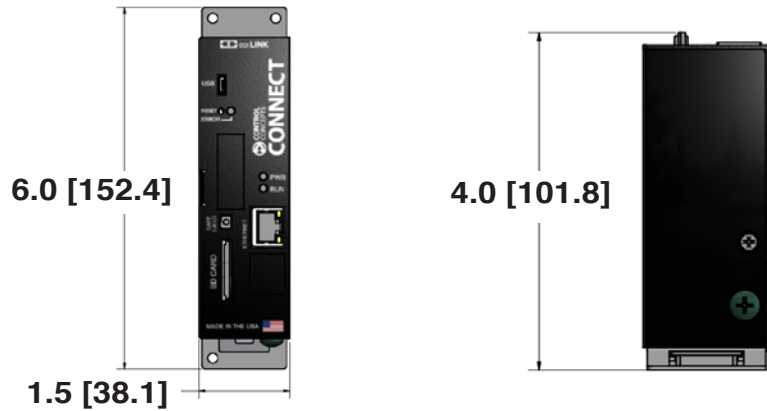
- Controls up to 10 Zones
- Protocols:
  - EtherCAT
  - EtherNet/IP
  - Modbus TCP
  - PROFINET (only 6 zones)
  - PROFIBUS (only 6 zones)
- Data Logger
  - Battery-backed real time clock
  - Removable SD Card
  - Records data in 100 ms to 1 minute intervals
- Micro USB port for easy setup
- Panel mount or Din-Rail mount



10x 80A MicroFUSIONs mounted on a liquid cooled heatsink with 10 node EtherCAT CONNECT gateway. Maximum power of 480 KW

## DIMENSIONS

Dimensions:  
Inches [mm]



## SPECIFICATIONS

### ENVIRONMENTAL

Power Consumption	200 mA Amps at 24 Vdc - Powered from CCI Link
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 [1750m]
Contaminates	ROHS Compliant, CE Pollution Degree 2
Storage Temperature	- 4 to 176°F [- 20 to 80°C]
Heatsink Options	Panel Mount or Din Rail Mountable

### SD Card

Capacity	16 GB Included. Maximum compatible storage: 64 GB
Logging Channels	Up to 10 devices
Logging Intervals	100 ms to 1 minute

### DIGITAL BUS PERFORMANCE

Command Latency	TBD
Monitor Latency	TBD
Update Period	≤ 100 ms

## MODEL NUMBERS

FG -  -

### Communication

L = Data Logger Only      I = EtherNet/IP  
 E = Modbus TCP          N = PROFINET (only 6 zones)  
 C = EtherCAT            P = PROFIBUS (only 6 zones)  
 Consult factory for additional fieldbus interfaces

### Nodes

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

## CONTACT/ORDERING INFORMATION

TEL: (952) 474-6200 | (800) 765-2799  
 FAX: (952) 474-6070 | www.cci-power.com  
 18760 Lake Drive East, Chanhassen, MN 55317, USA

