

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

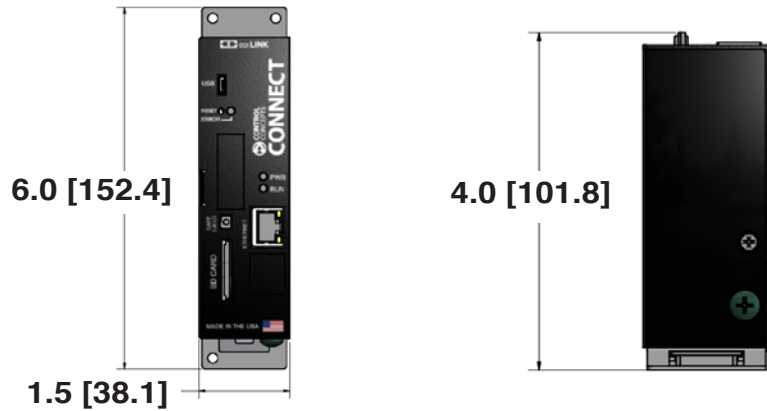
- Controls up to 10 Zones
- Protocols:
 - EtherCAT
 - EtherNet/IP
 - Modbus TCP
 - PROFINET (maximum 6 zones)
 - PROFIBUS (maximum 6 zones)
- Data Logger
 - Battery-backed real time clock
 - Removable SD Card
 - Records data in 100 ms to 1 minute intervals
- Micro USB port for easy setup
- Panel mount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

MODEL NUMBERS

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Communication

L = Data Logger Only I = EtherNet/IP
 E = Modbus TCP N = PROFINET (maximum 6 zones)
 C = EtherCAT P = PROFIBUS (maximum 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

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