

CONNECT X

GATEWAY MODULE

DESCRIPTION

The Connect X Module is a fieldbus gateway able to link up to 10 microFUSION units using Control Concepts, Inc. CCI Link™, a dedicated real-time deterministic digital bus.

The Connect X 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 *
 - Real-time clock with battery backup
 - 2 GB storage capacity
 - Records data in (0.10 sec) to (60.00 sec) intervals
- Micro USB port for easy setup, compatible with Control Concepts control panel software.
- Powered via the CCI Link bus connection or optional external 24VDC power supply.
- Available for Panel or Din-Rail Mounting.



Connect Module configured with EtherCAT communications option.

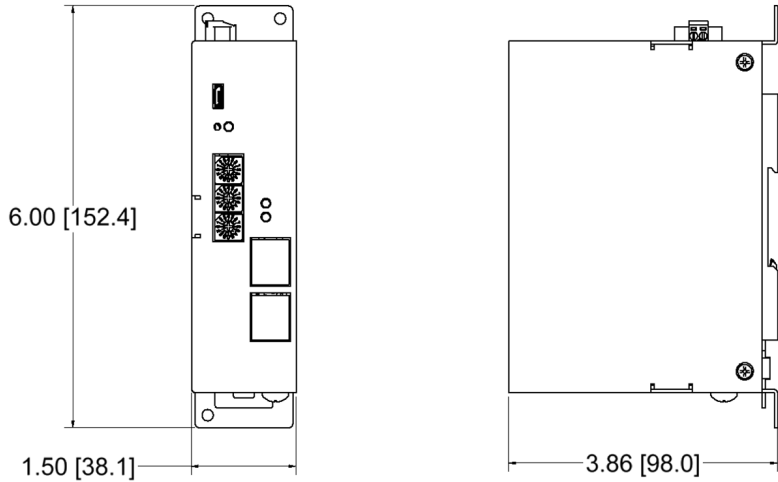


(10x) 80A microFUSION controllers mounted to a heat sink with a 10 node EtherCAT Connect Gateway.
(Maximum power of 480 KW)

* Data Logger is not available for copy-exact requirements (please contact Control Concepts for more information).

DIMENSIONS

Dimensions:
Inches [mm]



SPECIFICATIONS

Environmental	
Power Consumption	200 mA at 24 VDC
Surround 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 176 °F [-20 to 80 °C]
Heatsink Options	Panel or DIN Rail Mountable

Digital Bus Performance	
Command Latency	≤ 100 ms
Monitor Latency	≤ 100 ms
Update Period	≤ 100 ms

MODEL NUMBERS

FG - X - □ - □□ - □□□□

Communication

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

Contact 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

Configuration Data

Supplied by Control Concepts, Inc.

CONTACT / ORDERING INFORMATION

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