MICRO CONTROL SYSTEMS

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The MCS-LONTALK Specifications & Description

Physical Characteristics

Dimensions	2,2”w x 1.2”h x 4.2”d
Mounting Holes	Mounts with four pre-drilled 15/32” holes.
Operating Temperature	-40° to +185°F (-40°C to +85°C)
Storage Temperature	-40° to +257°F (-40°C to +125°C)
Humidity	5 to 90% RH
Field Connection	10/100 Ethernet port (RJ-45)
Power consumption	9-30vdc or vac

Product Description

The MCS-LONTALK is a microprocessor based communication device that provides translation from the BACnet to the LonTalk. Information that can be transmitted include the status of control points, alarm information, digital inputs, analog inputs or setpoints. A generic assignment of the SNVT is used. To ensure that the proper SNVT’s are used they must be set up at load time. This will require special programming plus the actual MCS-Config file must be provided for the given installation.

The MCS-LONTALK can receive changes from the network to enable or disable the Network Run/Stop indicator. Adjustments can also be made to the Cooling Target (Setpoint #1) of a MCS-MAGNUM.

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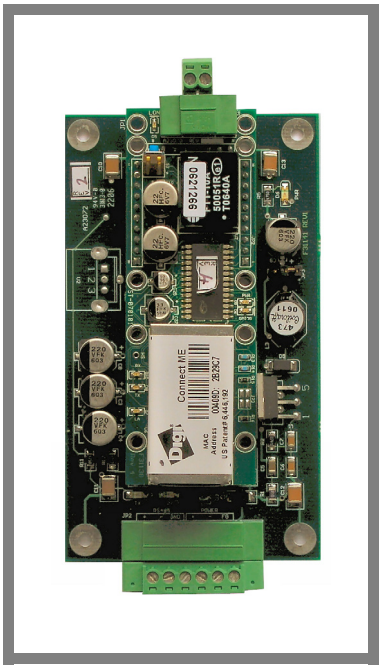
The MCS-LONTALK is capable of being configured by Network Management Tools such as LonMaker. For binding (implicit mode), a Network Management Tool is necessary to create the . It is possible to place a MCS-LONTALK into a Network for explicit communications without using a Network Management Tool, but this requires intimate knowledge of the network in question.

The external interface file (.XIF) for the MCS-LONTALK can be uploaded from the MCS-LONTALK for the particular application. The MCS-LONTALK differs from most other LonWorks devices in that its XIF file is not fixed due to varying applications.



Part # **MCS-LONTALK**

Options

-OEM	BACnet IP to LonTalk to mount on a backplane
-BOX	BACnet IP to LonTalk mounted in a box enclosure