Installation Instructions

Original Instructions

Allen-Bradley
by ROCKWELL AUTOMATION

ControlLogix EtherNet/IP Bridge Module

Catalog Numbers 1756-ENBT, 1756-ENBTK

Topic	Page
Install the Module	5
Network Connectors and Cable	5
Specifications	6
Additional Resources	7

The ControlLogix® EtherNet/IP™ bridge establishes communication between Logix 5000™ controllers and communicates with various devices on the Ethernet network.

Summary of Changes

This publication contains new and updated information as indicated in the following table.

Topic	Page
Added Plug Attention Statement	5
Specifications	6

Rockwell Automation

Specifications

Attribute	1756-ENBT, 1756-ENBTK
Temperature, operating IEC 60068-2-1 (Test Ad, Operating Cold), IEC 60068-2-2 (Test Bd, Operating Dry Heat), IEC 60068-2-14 (Test Nb, Operating Thermal Shock)	0 °C < Ta < +60 °C (+32 °F < Ta < +140 °F)
Temperature, Surrounding Air, max	60 °C (140 °F)
Corrosive Atmosphere(1) • ASTM B845-97 Method H Accelerated Test (20-Day Exposure)	Severity Level G3(2) per ANSI/ISA 71.04–2013, Airborne Contaminants—Gases Severity Level CX(2)(3) per IEC 60721-3-3:2019, Chemically Active Substances
All supply voltages or voltage ranges	5.1V DC, 700 mA 24V DC, 3 mA
Isolation Voltage	30V (continuous), basic insulation type, Ethernet to backplane Type tested at 707V DC for 60 s
Wire size	Ethernet connections: RJ45 connector according to IEC 60603-7, 2 or 4 pair Category 5e minimum cable according to TIA 568 B.1 or Category 5 cable according to ISO/IEC 24702.
Enclosure type rating	None (open-style)
North American temp code	T4A
IEC temp code	T4

(1) Only applicable to modules that end with a 'K'.

(2) Port Plugs must remain installed in unused ports at all times during storage and operation for the product to meet its corrosive atmosphere rating.

(3) Up to 9.6 microns per year, corrosion rate of copper.