

Allen-Bradley 1746 1747 Series Service Manual

1768-CNB

1. Description

The 1768-CNB communication module is an Allen-Bradley/Rockwell Automation communication module from the CompactLogix series. It communicates through the ControlNet network. The 1768-CNB CompactLogix communication module is suitable for a variety of applications including media redundancy, intrinsic safety, high-speed data transfers, and redundant controller system Technical specifications for 1768-CNB

2. Specifications

Specification	Value
Device	Type Communication Interface
Maximum	Connections Supported 48 Connections
Maximum	Number of Nodes 99 Nodes
Slot	Width 1 Slot
Backplane	Current 1 ampere at 5 volts
Power	Consumption 5.14 Watts
Power	Dissipation 5.14 Watts
Thermal	Dissipation 17.5 BTU/hr
ControlNet	Network Communication Rate 5 Mbps
Isolation	30 Volts
Operating	Temperature Range 0 - 60 degrees Celsius
Nonoperating	Temperature Range -40 - 85 degrees Celsius
Dimensions	132 mm x 56.7 mm x 105.1 mm (5.20 in. x 2.23 in. x 4.12 in.)
Approximate	Weight 0.260 kg (0.57 lb) Description
The	1768-CNB is a CompactLogix ControlNet Interface module manufactured by Allen Bradley. This product can support up to 48 connections at one time. It has a slot width of 1 and can be connected in any slot (1 - 4). The 1768-CNB has a backplane current rating of 1 ampere at 5 volts. It has a power consumption rating of 5.14 watts, a power dissipation rating of 5.14 watts, and a thermal dissipation rating of 17.5 BTU/hr. This interface module

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