



Allen-Bradley

***ControlNet™
Communications
Module***

***Cat. No. 1203-CN1
Firmware 2.xxx***

User Manual

Specifications

Appendix Objectives

Appendix A provides the specifications that you may need to install, repair, or use your 1203-CN1 ControlNet communications module.

Specifications

The following table gives the specifications for the 1203-CN1 ControlNet communications module.

Category	Specifications
Dimensions	3.92 x 2.69 x 3.54 in (99.5 x 68.4 x 90.0 mm)
Weight	0.52 lbs. (236.7 g)
Operating Temperature	0 to +55°C (32 to 131°F)
Storage Temperature	-40 to +85°C (-40 to 185°F)
Relative Humidity (Operating)	5 to 80% non-condensing
Relative Humidity (Non-Operating)	5 to 95% non-condensing
Shock (Operating)	30g peak acceleration, 11(+/-1)ms pulse width
Shock (Non-Operating)	50g peak acceleration, 11(+/-1)ms pulse width
Vibration (Operating)	2.5g @5Hz-2KHz
Vibration (Non-Operating)	5g @5Hz-2KHz
Power Consumption	250mA at 24V DC (-20% / +30%)
ESD Susceptibility (IEC 1000-4-2)	6KV contact, 8KV open air
Regulatory Agencies	UL 508 and CUL European Union EMC and Low Voltage Directives
DIN Rail Mounting Standard	1.38 x 0.30 in. (35 x 7.5 mm)



ATTENTION: The 1203-CN1 ControlNet communications module contains ESD (Electrostatic Discharge) sensitive parts. Static control precautions are required when installing, testing, or servicing this assembly. Device malfunction may occur if you do not follow ESD control procedures. If you are not familiar with static control procedures, refer to Allen-Bradley publication 8000-4.5.2, Guarding Against Electrostatic Damage, or other applicable ESD protection handbook.

Important: To meet EMC Emission (Class A, Group 1) requirements, you must place the module in a full metal enclosure. It is the end user's responsibility to choose a full metal enclosure that will provide adequate emission protection.