UL1215/ CSA C22.2 No. 213

**SAFETY PRECAUTIONS**

- Important information necessary for proper installation, maintenance, or operation of the equipment.

**WARNING**

- Information on how to prevent injury to persons or damage to equipment.

**Note:**

- The MCE100 series is a compact, highly reliable, low power consumption, and low noise industrial control device. It is suitable for applications requiring high performance and high reliability. The MCE100 series is designed to provide excellent performance in a wide range of operating environments, including harsh industrial environments.

**Instruction Sheet**

- Provides detailed instructions on how to use and maintain the equipment.

**Explanatory Notes**

- Additional information or notes that are not included in the main text.

**Appendix**

- Additional information that supplements the main text.

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8. Installation

8.1 Operating Environment

For designed performance and safety of the MICRO2, it is important that the MICRO2 is installed in the following environments:

- **Temperature**: 0°C to 40°C (32°F to 104°F) for the MICRO2 and 0°C to 50°C (32°F to 122°F) for the MICRO2K.
- **Humidity**: 5% to 95% RH, non-condensing, with no water droplets on the MICRO2 or MICRO2K.
- **Vibration**: Maximum 1 g at 20 Hz to 1000 Hz.
- **Airflow**: Adequate airflow to prevent overheating.

8.2 Ambient Temperature

- **Air Temperature**: Maintain the air temperature between the MICRO2 and MICRO2K to ensure optimal performance.
- **Mounting**: Ensure proper mounting to maintain stability and prevent vibration.
- **Environment**: Keep the environment clean and free from dust and debris.

8.3 Mounting Instructions

- **Wall Mounting**: Use the provided wall mounting brackets for secure installation.
- **Desktop Mounting**: Use the provided desktop stand for compact and stable setup.

8.4 Wired Connections

- **Power Supply**: Connect the power supply to the MICRO2 or MICRO2K using the provided power cord.
- **Communication**: Connect the communication cable to the corresponding ports on the MICRO2 or MICRO2K.

8.5 Battery Requirements

- **Battery Type**: Use the recommended battery type for optimal performance.
- **Battery Life**: Ensure the battery is fully charged before use.

9. Maintenance and Inspection

9.1 Replacing the Backup Battery

- **Battery Type**: Ensure the battery type is compatible with the MICRO2.
- **Installation**: Replace the battery as soon as it reaches 10% capacity.

9.2 Replacement (for MICRO2K Only)

- **Battery Life**: Monitor the battery life and replace as necessary.
- **Installation**: Ensure the battery is securely installed to prevent loosening.

9.3 Care and Maintenance

- **Cleaning**: Use a soft, dry cloth to clean the MICRO2 or MICRO2K.
- **Storage**: Store the MICRO2 or MICRO2K in a cool, dry place.

10. Specifications

- **Display**: 1600 x 1200 pixels, 16:10 aspect ratio.
- **Operating System**: Microsoft Windows 10 Pro.
- **Memory**: 8 GB RAM.
- **Storage**: 256 GB SSD.
- **Ports**: 2 USB 3.0, 1 HDMI, 1 DisplayPort.