**Before Using the Product**

Before using the product, please read this manual. Make sure that the end users read this manual and file the manual in a safe place for future reference.

1. Relevant manuals

Before using the product, please read the application manuals included with the unit used, especially the following sections.

- WIRING
- INSTALLATION
- COMMISSIONING

Manichi name [manual number]

**2. Safety Guidelines**

Before using the product, please read the “Safety Guidelines” (directive of safety) that accompanies the base unit used, especially the following sections.

2.1 Manuais correspondants

- 1. Manuais correspondants
- 2. Operating ambient temperature
- 3. Wiring products
- 4. Wiring diagram

**3. Wiring diagram**

3.2 Diagrams for specifying the wiring diagram for using the module in normal mode.

**4. Wiring products**

4.1 Terminal block

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</table>

**5. Operating ambient temperature**

This product can be used in the following ranges.

- 0 to 55 °C (when an extended temperature range base unit is used)
- 0 to 60 °C (when an extended temperature range base unit is not used)

**6. Mounting modules**

When installing the programmable controller in a control panel, fully consider its operability, maintainability, and environmental resistance.

- Please follow the manufacturer’s instructions. For details on the mounting method, refer to the manual for the module configuration.

For safety reasons, please refer to the manual for the module configuration.

**7. Safety standards**

**8. Calculation of the target failure measure**

The following formula is used to calculate the target failure measure for each SIL level.

\[
PFD_{avg} = \frac{1}{N} \left( \frac{1}{N} \sum_{i=1}^{N} PFD_i \right)
\]

Where:
- \( PFD_i \) is the PFD for each module
- \( N \) is the number of modules in the system

For a detailed explanation of the formula, please consult your local Mitsubishi representative.