**NX-EIC202 INSTRUCTION SHEET**

**OMRON Corporation**

**Precautions for Compliance with UL Standards and CSA Standards**

Please use the following information instead of the general information in the instruction sheet. In order to see the product under certified conditions of U.S. and Canada, please ensure that the product is used in accordance with the UL standards and the CSA's Standard C22.2 No. 14 for electrical equipment. These conditions are recorded in the National Electrical Code in the USA and the Canadian Electrical Code Parts I and II in Canada and may vary from information given in this product manual or safety precautions.

**Environment**

- Surrounding Air Temperature: 5°C to 40°C
- Current restrictions from power supply connector
  - The external power supply must be an isolated DC source. It must be equipped with an overcurrent protection with current limitation.

**LAN Cable**

- Comply with Class I Division 2 Hazardous Location:
  - Inductive and output cord must be in accordance with UL recognized wiring methods and in accordance with the authority having jurisdiction.
  - The equipment to be used in Class I Division 2, Group A, B, C, D, and New-Hazardous Location Only.

**Direction for installation**

- Vertical only.

**Applicable wire size for Unit power source and IO power source terminal**

<table>
<thead>
<tr>
<th>AWG</th>
<th>Wire size</th>
<th>Current (MAX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>2A</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>2.5A</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>5A</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>7A</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>10A</td>
<td></td>
</tr>
</tbody>
</table>

**Do not use female terminal. Insert the solid wire directly into the holes on the terminal block. Please select wire size suitable for rated current.**

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**Safety Information**

- **Notice**

  **Danger**

  - Do not touch the NX bus connector

  **Warning**

  - Do not touch the NX bus connector.

  **Caution**

  - Do not touch the NX bus connector.

- **OMRON**

  - NX-EIC202

- **Application**

  - OMV

- **Product Information**

  - OMV

- **Manufacturer Information**

  - OMV

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**Technical Specifications**

- **Product Name**
  - NX-EIC202

- **Input Voltage**
  - DC 24V

- **Output Current**
  - 2A

- **Maximum Current**
  - 10A

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**References**

- **OMRON**
  - NX-EIC202

- **Application Note**
  - NX-EIC202

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**Appendix**

- **Manufacturer Information**

  - **OMRON**
    - 4073064-BC
    - NX-EIC202
Safety Precautions

- Definition of Precautionary Information
- Caution

WARNING
- Ensure that there is sufficient distance between the terminals and the mains plug.
- Always use the specified power source.
- Do not use the product in an application where the DC power supply is used.
- Do not use the product in an application where the AC power supply is used.

Caution
- Ensure that there is sufficient distance between the terminals and the mains plug.
- Always use the specified power source.
- Do not use the product in an application where the DC power supply is used.
- Do not use the product in an application where the AC power supply is used.

Precautions for Safe Use
- Do not use any unit or subject to direct current or alternating current.
- When connecting any unit, use the specified power source.
- Always use the specified power source.
- Do not use any unit or subject to direct current or alternating current.
- When connecting any unit, use the specified power source.
- Always use the specified power source.

Conformance to EC Directives
- These products comply with the EMC Directive when the following conditions are met.
- These products comply with the LVD Directive when the following conditions are met.
- These products comply with the Ecodesign Directive when the following conditions are met.

Relevant Manuals

- Micro PLCs
- User Manual
- Programming Software User Manual
- Maintenance Instructions
- Technical Data
- Safety Instructions
- Installation Instructions
- Commissioning Procedure
- Troubleshooting Guide
- User Guide
- Technical Specifications
- Warranty Information

Contact:

- Business Unit
- Industrial Automation Company
- Address
- Website
- E-mail
- Telephone: 0120-919-066
- Fax: 095-882-5015
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Note: Specifications subject to change without notice.