INSTALLATION AND USER MANUAL

Terminal blocks should be installed by qualified persons only.
- Before connecting any wires, double-check that the electrical power is turned off.
- Do not connect any wires to the terminal block if any portion of the terminal block is damaged.
- The choice of the correct terminal block with regard to the specific application is the full responsibility of the installer.
- Wiring must comply with any UL or IEC standards.

2. Voltage and current values should not exceed the rated values as shown in chart on page 3.

3. Standard assembly and operating conditions (according to IEC 947-1 paragraph 6)
   - Temperature: -25°C ÷ 40°C
   - Relative humidity: 50 % at a temperature of 40°C
   - Altitude: max 2,000 meters above sea level
   - Transport and storage temperature: -20°C ÷ 80°C

4. We recommend the use of ferrules when multiple conductors are installed in a single terminal block clamp.

5. Please refer to the chart on page 3 of this document for wire strip length dimensions. This dimension is critical for a safe, reliable connection.

6. Please refer to the chart on page 3 for screw torque values. These values are in accordance with IEC Standard 947-1.

7. The minimum and maximum wire size utilized must comply with the wire range specified in the chart on page 3.

8. Always remove electrical power before opening or closing disconnect or knife blade terminal block lever arms.

9. For both screw clamp and screwless terminal blocks, the screwdriver blade should be electrically insulated and of the appropriate size.

10. Terminal blocks should be used with all required accessories such as the DIN rail, end covers, and end brackets.

11. Modular terminal blocks must be positioned on the DIN rail in the same orientation (back to back) as shown in the illustration below in order to prevent the metal parts of adjacent terminals contacting each other. Ensure that each terminal block’s mounting foot is oriented the same as its adjacent terminals.

12. When jumpering adjacent screw-terminal blocks with un-insulated jumpers, polycarbonate covers should be used to avoid accidental contact with live metal parts.

---

**Screwless Terminal Blocks**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Voltage</th>
<th>CURRENT</th>
<th>DIMENSION</th>
<th>SIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>L</td>
<td>H</td>
<td>W</td>
</tr>
</tbody>
</table>

2. **INSTALLATION AND USER MANUAL**

- **Terminal blocks should be installed by qualified persons only.**
- **Before connecting any wires, double-check that the electrical power is turned off.**
- **Do not connect any wires to the terminal block if any portion of the terminal block is damaged.**
- **The choice of the correct terminal block with regard to the specific application is the full responsibility of the installer.**
- **Wiring must comply with any UL or IEC standards.**

2. **Voltage and current values should not exceed the rated values as shown in chart on page 3.**

3. **Standard assembly and operating conditions (according to IEC 947-1 paragraph 6)**
   - **Temperature:** -25°C ÷ 40°C
   - **Relative humidity:** 50 % at a temperature of 40°C
   - **Altitude:** max 2,000 meters above sea level
   - **Transport and storage temperature:** -20°C ÷ 80°C

4. **We recommend the use of ferrules when multiple conductors are installed in a single terminal block clamp.**

5. **Please refer to the chart on page 3 of this document for wire strip length dimensions. This dimension is critical for a safe, reliable connection.**

6. **Please refer to the chart on page 3 for screw torque values. These values are in accordance with IEC Standard 947-1.**

7. **The minimum and maximum wire size utilized must comply with the wire range specified in the chart on page 3.**

8. **Always remove electrical power before opening or closing disconnect or knife blade terminal block lever arms.**

9. **For both screw clamp and screwless terminal blocks, the screwdriver blade should be electrically insulated and of the appropriate size.**

10. **Terminal blocks should be used with all required accessories such as the DIN rail, end covers, and end brackets.**

11. **Modular terminal blocks must be positioned on the DIN rail in the same orientation (back to back) as shown in the illustration below in order to prevent the metal parts of adjacent terminals contacting each other. Ensure that each terminal block’s mounting foot is oriented the same as its adjacent terminals.**

12. **When jumpering adjacent screw-terminal blocks with un-insulated jumpers, polycarbonate covers should be used to avoid accidental contact with live metal parts.**

---

**Screwless Terminal Blocks**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Voltage</th>
<th>CURRENT</th>
<th>DIMENSION</th>
<th>SIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>L</td>
<td>H</td>
<td>W</td>
</tr>
</tbody>
</table>

Ensure that metal parts of adjacent terminals do not contact each other.