Rittal RiLine NH (mounting plate assembly)

NH on-load isolators, size 000/size 00

Material:
- Chassis, lid, contact hazard protection:
  - Size 000: Fibreglass-reinforced polyamide
  - Size 00: Polyamide PA6
- Contact tracks: Electrolytic copper, silver-plated

Technical information, see page 1244 – 1246.
Drilling dimensions, see page 1249.

<table>
<thead>
<tr>
<th>Size</th>
<th>Packs of</th>
<th>Size 000</th>
<th>Size 00</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated current</td>
<td></td>
<td>100 A (160 A)(^1)</td>
<td>160 A</td>
<td></td>
</tr>
<tr>
<td>Rated operating voltage</td>
<td></td>
<td>690 V~</td>
<td>690 V~/500 V~(^2)</td>
<td></td>
</tr>
<tr>
<td>Cable outlet</td>
<td></td>
<td>top/bottom</td>
<td>top/bottom</td>
<td></td>
</tr>
<tr>
<td>Type of connection</td>
<td></td>
<td>Terminal</td>
<td>Box terminal</td>
<td>Screw M8</td>
</tr>
<tr>
<td>Connection of round conductors</td>
<td></td>
<td>1.5 – 50 mm(^2)</td>
<td>4 – 70 mm(^2)</td>
<td>up to 95 mm(^2)</td>
</tr>
<tr>
<td>Clamping area for laminated copper bars</td>
<td></td>
<td>10 x 10 mm</td>
<td>13 x 13 mm</td>
<td>20 x 5 mm</td>
</tr>
<tr>
<td>Tightening torque</td>
<td></td>
<td>3 Nm</td>
<td>4.5 Nm</td>
<td>12 Nm</td>
</tr>
<tr>
<td>Model No. SV</td>
<td></td>
<td>1 3431.000</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td>with electronic fuse monitoring(^1)</td>
<td>Model No. SV</td>
<td>1 –</td>
<td>9344.000</td>
<td>9344.010</td>
</tr>
<tr>
<td>Model No. SV</td>
<td></td>
<td>1 –</td>
<td>9344.020</td>
<td>9344.030</td>
</tr>
<tr>
<td>with electromechanical fuse monitoring (^1)</td>
<td>Model No. SV</td>
<td>1 –</td>
<td>9344.040</td>
<td>9344.050</td>
</tr>
</tbody>
</table>

Accessories
- Micro-switch: 5 3071.000 3071.000 3071.000 406
- Connection space cover: 2 – 9344.520 9344.520 406
- Prism terminal: 3 – – 9344.600 407
- Mounting set: 1 3432.000 – – 406
- Laminated copper bars: –

\(^1\) 160 A at 95 mm\(^2\) connection cross-section (95 mm\(^2\) connector pieces available on request).
\(^2\) Rated operating voltage 400 V~ to 500 V~ for NH isolators with electronic fuse monitoring.
Material:
Chassis, lid, contact hazard protection: Polyamide PA6
Contact tracks:
Electrolytic copper, silver-plated

Technical information,
see page 1244 – 1246.

Drilling dimensions,
see page 1249.

Material:
Chassis, lid, contact hazard protection: Polyamide PA6
Contact tracks:
Electrolytic copper, silver-plated

Technical information,
see page 1244 – 1246.

Drilling dimensions,
see page 1249.

<table>
<thead>
<tr>
<th>Size</th>
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</thead>
<tbody>
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<td>Rated current</td>
<td>250 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated operating voltage</td>
<td>690 V~/500 V~</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cable outlet</td>
<td>top/bottom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of connection</td>
<td>Box terminal</td>
<td>Screw M10</td>
<td></td>
</tr>
<tr>
<td>Connection of round conductors</td>
<td>35 – 150 mm²</td>
<td>up to 150 mm²</td>
<td></td>
</tr>
<tr>
<td>Clamping area for laminated copper bars</td>
<td>20 x 14 mm</td>
<td>32 x 10 mm</td>
<td></td>
</tr>
<tr>
<td>Tightening torque</td>
<td>Terminal screw</td>
<td>12 Nm</td>
<td>20 Nm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1 Model No. SV</td>
<td>1</td>
<td>9344.100</td>
<td>9344.110</td>
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<tr>
<td>2 Model No. SV</td>
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<td>9344.120</td>
<td>9344.130</td>
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<td>3 with electromechanical fuse monitoring Model No. SV</td>
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<td>9344.140</td>
<td>9344.150</td>
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</tbody>
</table>

Accessories
Micro-switch
Connection space cover
Box terminal
Arcing chamber
Laminated copper bars

1) Rated operating voltage 400 V~ to 500 V~ for NH isolators with electronic fuse monitoring.
2) Connection of sector-shaped conductors 50 – 150 mm².
Rittal RiLine NH (mounting plate assembly)

NH on-load isolators, size 2

Material:
Chassis, lid, contact hazard protection: Polyamide PA6
Contact tracks: Electrolytic copper, silver-plated

Technical information, see page 1244 – 1246.
Drilling dimensions, see page 1249.

<table>
<thead>
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<tr>
<td>Rated operating voltage</td>
<td>690 V~/500 V~</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cable outlet</td>
<td>top/bottom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of connection</td>
<td>Box terminal</td>
<td>Screw M10</td>
<td></td>
</tr>
<tr>
<td>Connection of round conductors</td>
<td>95 – 300 mm²</td>
<td>up to 240 mm²</td>
<td></td>
</tr>
<tr>
<td>Clamping area for laminated copper bars</td>
<td>32 x 20 mm</td>
<td>50 x 10 mm</td>
<td></td>
</tr>
<tr>
<td>Tightening torque</td>
<td>Terminal screw</td>
<td>20 Nm</td>
<td>20 Nm</td>
</tr>
</tbody>
</table>

1. **Model No. SV**
   - 1 | 9344.200 | 9344.210 |

2. **Model No. SV with electronic fuse monitoring**
   - 1 | 9344.220 | 9344.230 |

3. **Model No. SV with electromechanical fuse monitoring**
   - 1 | 9344.240 | 9344.250 |

Accessories

- **Micro-switch**
  - 2 | 9344.510 | 9344.510 |

- **Connection space cover**
  - 2 | 9344.540 | 9344.540 |

- **Box terminal**
  - 3 | 9344.620 | 9344.620 |

- **Arcing chamber**
  - 3 | 9344.680 | 9344.680 |

- **Laminated copper bars**
  -  |  | 411 |

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1) Rated operating voltage 400 V~ to 500 V~ for NH isolators with electronic fuse monitoring.
2) Connection of sector-shaped conductors 120 – 300 mm².
Rittal RiLine NH (mounting plate assembly)

NH on-load isolators, size 3

Material:
Chassis, lid, contact hazard protection: Polyamide PA6
Contact tracks:
Electrolytic copper, silver-plated

Technical information,
see page 1244 – 1246.

Drilling dimensions,
see page 1249.

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**Material:**
Chassis, lid, contact hazard protection: Polyamide PA6
Contact tracks:
Electrolytic copper, silver-plated

**Rated current:**
630 A

**Rated operating voltage:**
690 V~/500 V~ (1)

**Cable outlet:**
Top/bottom

**Type of connection:**
Box terminal
Screw M10

**Connection of round conductors:**
95 – 300 mm² (2)
Up to 300 mm²

**Clamping area for laminated copper bars:**
32 x 20 mm
50 x 10 mm

**Tightening torque:**
Terminal screw
20 Nm
20 Nm

**Model No. SV**

1. 9344.300
2. 9344.310
3. 9344.320
4. 9344.330
5. 9344.340
6. 9344.350

**Accessories:**

1) Rated operating voltage 400 V~ to 500 V~ for NH isolators with electronic fuse monitoring.
2) Connection of sector-shaped conductors 120 – 300 mm².