Rittal Ri4Power – the structured system solutions for rapid assembly and reliable operation of low-voltage switchgear. Type-tested and also specially tested under accidental arcing conditions, using all standard commercially available switchgear.

Ri4Power Form 2-4 is the perfect solution for power distribution and controller applications in industrial plant, facility management, and many infrastructure installations.

**High safety**

- Fully insulated busbar system with finger-safe contact hazard protection.
- Preventive avoidance of accidental arcing, thanks to fully insulated busbar systems.

**ASTA certified**

- Type-tested and specially tested under accidental arcing conditions in internationally recognised test laboratories. For further tests, please see www.rittal.com.

**Easy to use software**

- Rittal Power Engineering software for planning, preparation of tenders and plant execution.
- Rittal Ri4Power Form 2-4 provides plant-specific solutions.
- As well as enabling you to optimise your assembly, the tested component adaptors and busbar system also saves valuable installation time.

**Time-saving system assembly**

- Time-saving system installation, divided internal construction, innovative module components, comprehensive accessories.
- One-person assembly – Locate components into the TS 8 pitch, and release. Both hands are now ready for the next installation step.
- Mini-TS profile – the TS pitch in the smallest dimension. For the creation of auxiliary constructions on the TS 8 system pitch pattern.
Enclosure frame for installation with partial doors and the internal separation.

**Material:**
Sheet steel
Enclosure frame, rear panel and gland plates: 1.5 mm

**Surface finish:**
Dipcoat-primed
Rear panel: Dipcoated, powder-coated in textured RAL 7035 on the outside
Gland plates: Zinc-plated

**Protection category:**
Up to IP 54, depending on the roof plate, front trim panels and side panel.

**Supply includes:**
Enclosure frame with rear panel and gland plates.

**Inspection:**
Type-tested to IEC 60 439-1. For more tests and approvals, see www.rittal.com

**Detailed tests and approvals:**
Detailed drawings, see page 1262.

**Technical information:**
see page 1263.

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### Width (B) mm

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### Base/plinth

**Components front and rear**

- Height 100 mm: 1 set: 8601.400 8601.600 8601.400 8601.600 8601.400 8601.600 893
- Height 200 mm: 1 set: 8602.400 8602.600 8602.400 8602.600 8602.400 8602.600 893

**Trim panels (sides)**

- Height 100 mm: 1 set: 8601.060 8601.060 8601.060 8601.060 8601.060 8601.060 893
- Height 200 mm: 1 set: 8602.060 8602.060 8602.060 8602.060 8602.060 8602.060 893

### Also required

**Side panels for protection category**

- IP 2X: 2: 9671.986 9671.986 9671.906 9671.906 9671.926 9671.926 477
- Upgrade kit for side panels IP 2X: 2 sets: 9671.996 9671.996 9671.996 9671.996 9671.996 9671.996 477

**Roof plates for protection category**

- IP 55: 1: 9671.746 9671.746 9671.746 9671.746 9671.746 9671.746 477
- Roof plates for cable entry gland: 1: 9671.546 9665.903 9671.546 9665.903 9671.546 9665.903 477
- Front trim panels for protection category: 1 set: 9671.14 9671.01 9671.01 9671.14 9671.01 9671.01 477
- Upgrade kit for front panels IP 2X: 1 set: 9671.04 9671.04 9671.04 9671.04 9671.04 9671.04 477

**Partial doors**

- for clearance height: 1: 9671.156 9671.176 9671.158 9671.178 9671.150 9671.170 476
- for modular configuration

**Angular baying brackets**

- 4: 8800.430 930
- 6: 8800.490 929

---

**System overview** Page 471  **Accessories** Page 476
Modular enclosure frame for installation with partial doors and internal separation.

**Material:**
Sheet steel
Enclosure frame, rear panel and gland plates: 1.5 mm

**Surface finish:**
Enclosure frame: Dipcoat-primed
Rear panel: Dipcoat-primed, powder-coated in textured RAL 7035 on the outside
Gland plates: Zinc-plated

**Protection category:**
Up to IP 54, depending on the roof plate, front trim panels and side panel.

**Supply includes:**
Enclosure frame with rear panel and gland plates.

**Accessories:**
Enclosure accessories, see page 890.

**Inspection:**
Type-tested to IEC 60 439-1.
For more tests and approvals, see www.rittal.com
Detailed drawings, see page 1262.
Technical information, see page 1263.

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**Model No. SV**
1 9670.886 9670.806 9670.826

**Weight (kg)**
58.5 61.0 64.0

**Base/plinth**
Components front and rear
| Height 100 mm | 1 set | 8601.800 | 8601.800 | 8601.800 | 893 |
| Height 200 mm | 1 set | 8602.800 | 8602.800 | 8602.800 | 893 |

Trim panels (sides)
| Height 100 mm | 1 set | 8601.060 | 8601.060 | 8601.060 | 893 |
| Height 200 mm | 1 set | 8602.060 | 8602.060 | 8602.060 | 893 |

**Also required**
Side panels for protection category
| IP 55 | 2 | 8186.235 | 8106.235 | 8126.235 | 477 |
| IP 2X | 2 | 9671.986 | 9671.906 | 9671.926 | 477 |

Upgrade kit for side panels IP 2X
| IP 43 | 2 sets 1) | 9671.996 | 9671.996 | 9671.996 | 477 |

Roof plates for protection category
| IP 55 | 1 | 9671.686 | 9671.686 | 9671.686 | 477 |
| IP 43 | 1 | 9671.786 | 9671.786 | 9671.786 | 477 |
| IP 2X | 1 | 9660.245 | 9660.245 | 9660.245 | 477 |

Roof plates for cable entry gland
| 1 | 9671.586 | 9671.586 | 9671.586 | 477 |

Front trim panels for protection category
| IP 54 | 1 set | 9671.018 | 9671.018 | 9671.018 | 477 |
| IP 2X | 1 set | 9671.038 | 9671.038 | 9671.038 | 477 |

Upgrade kit for front panels IP 2X
| IP 43 | 1 set | 9671.048 | 9671.048 | 9671.048 | 477 |

Partial doors for clearance height
| 1 | 9671.196 | 9671.196 | 9671.190 | 476 |

Partial doors for modular configuration
| | | | | 476 |

Angular baying brackets
| 4 | 8800.430 | 930 |

Baying connectors, external
| 6 | 8800.490 | 929 |

**Accessories**

| External installation | 476 – 478 |
| Interior installation | 479 – 483 |

1) Pack sufficient for 1 pack of side panels.

---

**System overview** Page 471  **Accessories** Page 476
Enclosure frame for the management of incoming and outgoing cables. The use of a roof plate with cable gland plates allows cables to be fed from above.

**Material:**
Sheet steel
Enclosure frame, rear panel and gland plates: 1.5 mm
Door: 2.0 mm

**Surface finish:**
Dipcoat-primed

**Protection category:**
Up to IP 54, depending on the roof plate and the side panel.

**Material:**
Sheet steel
Enclosure frame, rear panel and gland plates: 1.5 mm
Door: 2.0 mm

**Surface finish:**
Dipcoat-primed, powder-coated in textured RAL 7035 on the outside
Gland plates: Zinc-plated

**Protection category:**
Up to IP 54, depending on the roof plate and the side panel.

**Supply includes:**
Enclosure frame with door, rear panel and gland plates.

**Inspection:**
Type-tested to IEC 60 439-1.
For more tests and approvals, see www.rittal.com
Detailed drawings, see page 1262.
Technical information, see page 1263.

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**Baseplinth**
Components front and rear
Height 100 mm 1 set 8601.915 8601.400 8601.915 8601.400 8601.915 8601.400 8601.400 8601.915 8601.400 893
Height 200 mm 1 set 8602.915 8602.400 8602.915 8602.400 8602.915 8602.400 8602.400 8602.915 8602.400 893

Trim panels (sides)
Height 100 mm 1 set 8601.060 8601.060 8601.060 8601.060 8601.060 8601.060 8601.060 8601.060 8601.060 893
Height 200 mm 1 set 8602.060 8602.060 8602.060 8602.060 8602.060 8602.060 8602.060 8602.060 8602.060 893

**Also required**
Side panels for protection category
IP 55 2 8186.235 8186.235 8106.235 8106.235 8126.235 8126.235 8126.235 477
IP 2X 2 9671.986 9671.986 9671.906 9671.906 9671.926 9671.926 9671.926 477
Upgrade kit for side panels IP 2X
IP 43 2 sets1) 9671.996 9671.996 9671.996 9671.996 9671.996 9671.996 9671.996 477
Roof plates for protection category
IP 55 1 9671.636 9671.646 9671.636 9671.646 9671.636 9671.646 9671.646 477
IP 43 1 9671.736 9671.746 9671.736 9671.746 9671.736 9671.746 9671.746 477
Roof plates for cable entry gland
1 9671.536 9671.546 9671.536 9671.546 9671.536 9671.546 9671.546 477
Angular baying brackets
4 8800.430 930
Baying connectors, external
6 8800.490 929

**Accessories**
External installation 476 – 478
Interior installation 479 – 483

**Lock systems**
Standard double-bit lock may be exchanged for a lock with security cylinder/T handles, see page 955.

1) Pack sufficient for 1 pack of side panels.
Enclosure frame for the management of incoming and outgoing cables. The use of a roof plate with cable gland plates allows cables to be fed from above.

**Material:**
- Sheet steel
- Enclosure frame, rear panel and gland plates: 1.5 mm
- Door: 2.0 mm

**Surface finish:**
- Dipcoat-primed
- Door and rear panel: Dipcoat-primed, powder-coated in textured RAL 7035 on the outside
- Gland plates: Zinc-plated

**Protection category:**
- Up to IP 54, depending on the roof plate and the side panel.

**Supply includes:**
- Enclosure frame with door, rear panel and gland plates.

**Accessories:**
- Enclosure accessories, see page 890.

**Inspection:**
- Type-tested to IEC 60 439-1. For more tests and approvals, see www.rittal.com
- Detailed drawings, see page 1262.
- Technical information, see page 1263.

**Width** (B) mm | Packs of 600 | 600 | 600 | 600 | Page 893
---|---|---|---|---|---
**Height** (H) mm | 1800 | 2000 | 2200
**Depth** (T) mm | 600 | 600 | 600

**Model No. SV**
- 1 | 9670.696 | 9670.616 | 9670.636

**Weight** (kg)
- 56.0 | 59.0 | 61.0

**Base/plinth**
- Components front and rear:
  - Height 100 mm: 1 set | 8601.600 | 8601.600 | 8601.600 | 8601.600 | 893
  - Height 200 mm: 1 set | 8602.600 | 8602.600 | 8602.600 | 8602.600 | 893

- Trim panels (sides):
  - Height 100 mm: 1 set | 8601.060 | 8601.060 | 8601.060 | 8601.060 | 893
  - Height 200 mm: 1 set | 8602.060 | 8602.060 | 8602.060 | 8602.060 | 893

**Also required**
- Side panels for protection category:
  - IP 55: 2 | 8186.235 | 8106.235 | 8126.235 | 477
  - IP 2X: 2 | 9671.986 | 9671.906 | 9671.926 | 477

- Upgrade kit for side panels IP 2X:
  - IP 43: 1 set | 9671.996 | 9671.996 | 9671.996 | 477

- Roof plates for protection category:
  - IP 55: 1 | 9671.666 | 9671.666 | 9671.666 | 477
  - IP 43: 1 | 9671.766 | 9671.766 | 9671.766 | 477
  - IP 2X: 1 | 9660.235 | 9660.235 | 9660.235 | 477

- Roof plates for cable entry gland:
  - 1 | 9665.903 | 9665.903 | 9665.903 | 477

- Angular baying brackets:
  - 4 | 8800.430 | 930

- Baying connectors, external:
  - 6 | 8800.490 | 929

**Accessories**
- External installation | 476 – 478
- Interior installation | 479 – 483

**Lock systems**
- Standard double-bit lock may be exchanged for a lock with security cylinder/T handles, see page 955.

---

**1** Pack sufficient for 1 pack of side panels.
Accessories for external mounting

**Cross members** for TS

- For use as sealing member between:
  - Front trim panels
  - Trim panels
  - Partial doors

**Material:**
Sheet steel, 1 mm

**Colour:**
RAL 7035

**Supply includes:**
Assembly parts and sealing material.

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**Partial doors**

**For TS, without lock**

- Door hinges with non-drilled internal fastening.
- Door can be optionally hinged on the right or left side.

**Material:**
Sheet steel, 2 mm

**Surface finish:**
Textured RAL 7035

**Supply includes:**
Hinges and assembly parts.

**Also required:**
- Locks, see below.
- Cross members, see above.

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**Locks**

For the installation in partial doors or for replacement with AE cam locks.

**Material:**
Housing made of fibreglass-reinforced plastic, bolt made of PA

**Supply includes:**
Housing, lock insert, bolt including assembly parts.

**Also required:**
- Locks, see below.
- Cross members, see above.

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<td>With T handle</td>
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<td>Fastener lug with end stop1)</td>
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</tbody>
</table>

1) Must be used if the twist lock cannot be locked on the TS 8 frame.
Front trim panels
for TS
Required as upper and lower height filler when partial doors are used.
Height: 100 mm.

Material:
Sheet steel, 2 mm

Surface finish:
Textured RAL 7035

Supply includes:
Two trim panels including assembly parts.

Also required:
Cross members, see page 476.

Side panels
for TS
Easy positioning on the frame with the location aid.
Six enclosure panel holders with earthing insert ensure automatic potential equalisation with superior EMC protection. Earthing bolts with contact surface are integrated.

Material:
Sheet steel, 1.5 mm

Surface finish:
Textured RAL 7035

Supply includes:
Assembly parts.

Roof plates
for TS
For SV-TS 8 modular and cable chamber enclosures without roof plate and for replacement with the standard roof plate for other TS enclosures.

Material:
Sheet steel, 1.5 mm

Surface finish:
Textured RAL 7035

Supply includes:
Assembly parts.

Also required:
Cable entry gland, see page 478.
No. of gland plates required for roof plate
SV 9671.536 = 2
SV 9671.546 = 3
SV 9665.903 = 4
SV 9671.586 = 8
Rittal Ri4Power Form 2-4
Accessories for external mounting

**Cable entry glands**
- Including seal
- External dimensions 250 x 160 mm
- Protection category IP 55

**Material:**
- SV 9665.750 to 9665.780
- Insulating material RAL 7032
- SV 9665.785
- Sheet steel, spray-finished RAL 7035

<table>
<thead>
<tr>
<th>Design Description</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 x M25/32</td>
<td>1</td>
<td>9665.750</td>
</tr>
<tr>
<td>2 x M25/32/40, 1 x M32/40/50, 2 x M40/50/63</td>
<td>1</td>
<td>9665.760</td>
</tr>
<tr>
<td>With sealing membranes 32 x dia. 7 – 16 mm, 4 x dia. 10 – 20 mm, 3 x dia. 14 – 26 mm</td>
<td>1</td>
<td>9665.770</td>
</tr>
<tr>
<td>With entry glands up to 66 mm diameter</td>
<td>1</td>
<td>9665.780</td>
</tr>
<tr>
<td>Solid</td>
<td>4</td>
<td>9665.785</td>
</tr>
</tbody>
</table>

Cut-out dimensions for SV 9665.750 to SV 9665.785
Functional space side panel modules
for TS
For internal separation as a side divider panel for functional spaces, for mounting in the TS pitch pattern. Prepared for the attachment of mounting brackets for horizontal functional space separation or mounting plates with two M40 knockouts for cable entry. Two TS system punchings allow the use of additional TS accessories.

The side panel modules for reduced functional space depth and an auxiliary construction using the Mini-TS profiles can be used to provide a separate enclosure space in the side panel area, e.g. for the provision of a busbar system.

Material:
Sheet steel, zinc-plated

Supply includes:
Assembly parts.

Accessories:
Mini-TS extrusions and connector pieces, see page 482.

<table>
<thead>
<tr>
<th>Height mm</th>
<th>Configuration with plastic gland plate</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>For functional space depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>425 mm</td>
</tr>
<tr>
<td>100</td>
<td>–</td>
<td>6</td>
<td>9673.051</td>
</tr>
<tr>
<td>150</td>
<td>–</td>
<td>6</td>
<td>9673.055</td>
</tr>
<tr>
<td>150</td>
<td>▼</td>
<td>6</td>
<td>9673.155</td>
</tr>
<tr>
<td>200</td>
<td>–</td>
<td>6</td>
<td>9673.052</td>
</tr>
<tr>
<td>200</td>
<td>▼</td>
<td>6</td>
<td>9673.152</td>
</tr>
</tbody>
</table>

Cover plates
for cable chamber
For separating an area of the cable chamber enclosure for the busbar space. Attachment requires an auxiliary construction made from the Mini-TS profile in which the covering plates are attached and fastened.

Material:
Sheet steel, zinc-plated

Supply includes:
Two sets of covering plates consisting of an upper and a lower plate. Including assembly parts.

Also required:
Frame connector piece (4 x SV 9673.901), see page 482.
Corner connector (2 x SV 9673.902), see page 483.
Mini-TS extrusions (2 x SV 9673.915, 2 x SV 9673.953), see page 482.

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Height mm</th>
<th>Depth mm</th>
<th>For enclosure width mm</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td>297</td>
<td>541</td>
<td>174</td>
<td>300</td>
<td>2 sets</td>
<td>9673.530</td>
</tr>
<tr>
<td>397</td>
<td>541</td>
<td>174</td>
<td>400</td>
<td>2 sets</td>
<td>9673.540</td>
</tr>
<tr>
<td>597</td>
<td>541</td>
<td>174</td>
<td>600</td>
<td>2 sets</td>
<td>9673.560</td>
</tr>
</tbody>
</table>
**Functional space divider**

*For TS, with and without vent slot*

For the horizontal separation of functional spaces. In combination with the side panel modules, produces a separation in accordance with Form 3 or 4. Two mounting brackets are required to install the functional space divider.

**Material:**
Sheet steel, zinc-plated

**Also required:**
Mounting bracket, see below.
Cross members, see page 476.

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Depth mm</th>
<th>For enclosure width mm</th>
<th>For max. functional space depth mm</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vented</td>
</tr>
<tr>
<td>308</td>
<td>445</td>
<td>400</td>
<td>425</td>
<td>4</td>
<td>9673.444</td>
</tr>
<tr>
<td>508</td>
<td>445</td>
<td>600</td>
<td>425</td>
<td>4</td>
<td>9673.464</td>
</tr>
<tr>
<td>708</td>
<td>445</td>
<td>800</td>
<td>425</td>
<td>4</td>
<td>9673.484</td>
</tr>
<tr>
<td>308</td>
<td>588</td>
<td>400</td>
<td>600</td>
<td>4</td>
<td>9673.445</td>
</tr>
<tr>
<td>508</td>
<td>588</td>
<td>600</td>
<td>600</td>
<td>4</td>
<td>9673.465</td>
</tr>
<tr>
<td>708</td>
<td>588</td>
<td>800</td>
<td>600</td>
<td>4</td>
<td>9673.485</td>
</tr>
</tbody>
</table>

1) Derating of 5% with enclosure protection category IP 2X or less, in relation to the rated currents of the selected busbar system.

**Functional space divider**

*for TS, prepared for RiLine60 bar systems, with and without vent slots*

For the horizontal separation of functional space with integrated RiLine60 multi-terminal busbar system. In combination with the side panel modules, produces a separation in accordance with Form 3 or 4. Two mounting brackets are required to install the functional space divider.

**Material:**
Sheet steel, zinc-plated

**Also required:**
Mounting bracket, see below.
Cross members, see page 476.

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Depth mm</th>
<th>For enclosure width mm</th>
<th>For functional space depth mm</th>
<th>Position of the bar system in the functional space</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vented</td>
</tr>
<tr>
<td>308</td>
<td>413</td>
<td>400</td>
<td>401</td>
<td>–</td>
<td>4</td>
<td>9673.434</td>
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<tr>
<td>508</td>
<td>413</td>
<td>600</td>
<td>401</td>
<td>–</td>
<td>4</td>
<td>9673.454</td>
</tr>
<tr>
<td>708</td>
<td>413</td>
<td>800</td>
<td>401</td>
<td>Right</td>
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<tr>
<td>708</td>
<td>413</td>
<td>800</td>
<td>401</td>
<td>Left</td>
<td>4</td>
<td>9673.475</td>
</tr>
</tbody>
</table>

1) Only for use with a 3-pole bar system.
2) Derating of 5% with enclosure protection category IP 2X or less, in relation to the rated currents of the selected busbar system.

**Mounting bracket**

*for functional space divider*

The mounting bracket is fastened to the TS frame or between a frame section and an auxiliary construction. The mounting bracket is suitable both for fastening to a side panel module and also directly to the TS frame. The functional space dividers can be inserted in the installation openings provided.

**Material:**
Sheet steel, zinc-plated

**Supply includes:**
Assembly parts.

<table>
<thead>
<tr>
<th>Length mm</th>
<th>For functional space depth mm</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td>427</td>
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<tr>
<td>552</td>
<td>600</td>
<td>8</td>
<td>9673.406</td>
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</tbody>
</table>

1) In conjunction with vertical busbar space separation.
Partial mounting plates
With and without duct, for TS
For direct attachment to the functional space side panel modules.
- Universal internal installation with switchgear and control devices.
- Additional mounting levels.
In combination with functional space dividers and side panel modules, internal separation in accordance with Form 2, 3 or 4 is possible.

Material:
Sheet steel, zinc-plated

Supply includes:
Angle brackets and assembly parts.
For the construction with duct: additional square cut-out with insulation material plates for closing the cut-out.

Also required:
Functional space side panel modules, see page 479.

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Height mm</th>
<th>With entry</th>
<th>For enclosure width mm</th>
<th>For functional space height mm</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
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<td>150</td>
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<td>9673.641</td>
</tr>
<tr>
<td>302</td>
<td>195</td>
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<td>200</td>
<td>1</td>
<td>9673.642</td>
</tr>
<tr>
<td>302</td>
<td>245</td>
<td></td>
<td>400</td>
<td>250</td>
<td>1</td>
<td>9673.647</td>
</tr>
<tr>
<td>302</td>
<td>295</td>
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<td>300</td>
<td>1</td>
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<tr>
<td>302</td>
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<td>400</td>
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<td>1</td>
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<td>9673.668</td>
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<tr>
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<td>502</td>
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<td>9673.672</td>
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<td>250</td>
<td>1</td>
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<td>300</td>
<td>1</td>
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<tr>
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<td>1</td>
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</tr>
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<td></td>
<td>800</td>
<td>150</td>
<td>1</td>
<td>9673.681</td>
</tr>
<tr>
<td>702</td>
<td>193</td>
<td></td>
<td>800</td>
<td>200</td>
<td>1</td>
<td>9673.682</td>
</tr>
<tr>
<td>702</td>
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<td>250</td>
<td>1</td>
<td>9673.687</td>
</tr>
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<td>702</td>
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<td>300</td>
<td>1</td>
<td>9673.683</td>
</tr>
<tr>
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<td>400</td>
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<td>1</td>
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<td></td>
<td>800</td>
<td>1000</td>
<td>1</td>
<td>9673.680</td>
</tr>
</tbody>
</table>

Support frame
for DIN rail-mounted devices
Supporting frame set for accepting DIN rail-mounted devices (e.g. MCBs). The support rails are fastened with two mounting brackets to the side panel modules. The front trim panel is fastened with knurled screws to the support frame. In combination with functional space dividers, partial mounting plates and side panel modules, separation in accordance with Form 2, 3 or 4 is possible.

Material:
Support frame: Sheet steel, zinc-plated
Front trim panel: Sheet steel, spray-finished

Supply includes:
2 support rails,
2 mounting brackets,
1 front trim panel with cut-out, assembly parts.

Also required:
Functional space side panel modules, see page 479.
Mini-TS profiles 17 x 15.5 mm for TS
Mounting bracket with TS pitch on three sides. Suitable for:
- building an auxiliary construction for dividing the busbar space,
- individual use as mounting frame for low and medium loads,
- fastening in the internal or external mounting level of the TS 8 enclosure.

Material:
Sheet steel, zinc-plated

Also required:
Frame connector piece, see below.
T-connector piece, see below.
Corner connector, see page 483.

Frame connector piece for Mini-TS profile
Mounting part with integral M4 threads for attaching the Mini-TS profile to the horizontal and vertical TS frame section (external level). The frame adaptor piece can be used as a self-holding construct in the TS pitch and fastened with a screw to the frame. Can also be used for fastening other sections with TS pitch.

Material:
Die-cast zinc

Supply includes:
Assembly parts.

T-connector piece for Mini-TS profile
Mounting part with integrated M4 threads for fastening the Mini-TS profile to the:
- horizontal and vertical TS chassis,
- Mini-TS profile,
- vertical TS frame section (internal level).
The T-connector piece can be used as a self-holding construct in the TS pitch and fastened with a screw to the frame. Can also be used for fastening other sections with TS pitch.

Material:
Die-cast zinc

Supply includes:
Assembly parts.
### Corner connector for Mini-TS profile
Mounting part with integrated M4 threads for connecting two Mini-TS profiles at an angle of 90° at the corner. Required for building the auxiliary construction for the busbar space separation.

**Material:** Die-cast zinc

**Supply includes:** Assembly parts.

<table>
<thead>
<tr>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>9673.902</td>
</tr>
</tbody>
</table>

### System attachments
**For main busbar system**
System attachment with M5 and M6 threads in the 50 mm pitch for the rear installation of a RiLine60 main busbar system up to 1600 A. For locating into the TS frame.

**Material:** Sheet steel, zinc-plated

**Supply includes:** Assembly parts.

**Note:** RiLine60 busbar systems, see page 350 – 353.

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Height mm</th>
<th>For enclosure width mm</th>
<th>Packs of</th>
<th>Model No. SV</th>
</tr>
</thead>
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<td>338.5</td>
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<td>538.5</td>
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<tr>
<td>738.5</td>
<td>362</td>
<td>800</td>
<td>1</td>
<td>9674.008</td>
</tr>
</tbody>
</table>

### Mounting accessories for busbar system
The following accessory components must be used for mounting a type-tested vertical multi-terminal busbar system behind the functional space:

- **PS punched rails 23 x 23 mm**
  For installing a vertical RiLine60 multi-terminal busbar system on the vertical enclosure section, see page 998.

- **Fastening bracket**
  For mounting the PS mounting rail on the TS frame, see page 1006.

- **U nuts**
  For fastening the PS mounting rail to the bracket and fastening the busbar support to the PS mounting rail, see page 1010.