Rittal – The System.

Faster – better – everywhere.

Outdoor system solutions
At home in any outdoor application
Energy
- Mounting benefits – Flexible basic enclosure, optionally with doors front and rear, for rapid interior installation and optimum on-site accessibility
- Variable base mounting – Easy to plan, because it is suitable for all site conditions: Concrete base/plinth, base plate, plastic base/plinth

Water industry
- Ideal material – Powder-coated aluminium for a long service life and corrosion resistance, plus fast machining of cut-outs
- Fast interior installation – All-round 25 mm system punchings and an extensive range of system accessories help to reduce assembly time

Telecommunications
- Fully integrated system solutions for mobile communications and broadband network installation reduce planning complexity
- Vandal-resistant – Enclosure solutions up to resistance category RC4

Telematics
- Optimum protection against corrosion – Coordinated mix of materials for heavily contaminated roadside environments increases servicing intervals
CS New Basic enclosures – Flexibility included
Systematic roof concept
Multi-functional benefits:
- Roof projection increases the proportion of shading
- Air exchange with all-round louvred grilles
- Fan for active climate control is covered in an IP-compatible manner

Integral transport options
- Eyebolts on the inner roof, concealed by the rain canopy
- For transporting the fully loaded unit by crane

Systematic installation benefits
- System compatibility thanks to TS 8 system punchings in the base
- Extensive range of system-compatible accessories for individual installations
CS New Basic enclosures

Outward enclosure with 100 mm transport plinth and rain canopy with projections on all sides.

Material:
- Aluminium AlMg3

Surface finish:
- Powder-coated
- UV-resistant pure polyester

Colour:
- RAL 7035

Protection category IP to IEC 60 529:
- IP 55
- NEMA 3R

Supply includes:
- Single-walled outdoor enclosure, fully pre-configured
- Basic enclosure with three-part gland plate
- 25 mm system punchings in the roof, base, front and in the enclosure depth
- Front door(s) with door stay, swing lever handle and semi-cylinder, lock BJ 20027
- Transport plinth with screw-fastened trim panels front and rear
- Enclosure with width 1200 mm has two 600 mm wide mounting panels
- Rain canopy

Technical details:
Available on the Internet

Climate control Cat. 34, page 307  Rail systems Cat. 34, page 610 – 612  Cable management Cat. 34, page 650

Single-walled

<table>
<thead>
<tr>
<th>Width (B1) mm</th>
<th>VE</th>
<th>600</th>
<th>800</th>
<th>1200</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (H1) mm</td>
<td>1200</td>
<td>1200</td>
<td>1200</td>
<td></td>
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<tr>
<td>Depth (T1) mm</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clearance width (B2) mm</td>
<td>512</td>
<td>712</td>
<td>512</td>
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<tr>
<td>Clearance height (H2) mm</td>
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<td>1112</td>
<td>1112</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clearance depth (T2) mm</td>
<td>449</td>
<td>449</td>
<td>449</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rain canopy width (B3) mm</td>
<td>650</td>
<td>850</td>
<td>1250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rain canopy height (H3) mm</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td></td>
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<tr>
<td>Rain canopy depth (T3) mm</td>
<td>550</td>
<td>550</td>
<td>550</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base/plinth height (H4) mm</td>
<td>100</td>
<td>100</td>
<td>100</td>
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<td></td>
</tr>
<tr>
<td>Overall height (H5) mm</td>
<td>1355</td>
<td>1355</td>
<td>1355</td>
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<td></td>
</tr>
</tbody>
</table>

Model No. 1 pc(s). 9783.530 9783.610 9784.540

Door(s) 1 1 2
Weight kg 38.0 49.5 66.0
With removable centre bar, 2 lockable doors – –

Accessories

<table>
<thead>
<tr>
<th>Concrete base/plinth</th>
<th>1 pc(s).</th>
<th>9765.082</th>
<th>9765.084</th>
<th>9765.086</th>
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</thead>
<tbody>
<tr>
<td>Mounting plates</td>
<td>2 pc(s).</td>
<td>8800.060</td>
<td>8800.080</td>
<td>8800.060</td>
</tr>
<tr>
<td>Mounting angles 482.6 mm (19)</td>
<td>2 pc(s).</td>
<td>7688.000</td>
<td>7688.000</td>
<td>7688.000</td>
</tr>
<tr>
<td>Installation brackets for mounting angles</td>
<td>2 pc(s).</td>
<td>7696.000</td>
<td>7696.000</td>
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<tr>
<td>Enclosure heaters</td>
<td>1 pc(s).</td>
<td>3105.400</td>
<td>3105.400</td>
<td>3105.400</td>
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<tr>
<td>Enclosure internal thermostat</td>
<td>1 pc(s).</td>
<td>3100.000</td>
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<td>3110.000</td>
</tr>
<tr>
<td>Semi-cylinder</td>
<td>1 pc(s).</td>
<td>9785.040</td>
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</tbody>
</table>

1) See Catalogue 34
Concrete base/plinth
for CS New Basic enclosures
The base/plinth is made from pre-cast concrete sections which are easily fitted in situ. Front/rear base/plinth plate screw-fastened from the inside may be removed for servicing purposes. Overall height: approx. 1000 mm, excavation depth: approx. 700 mm.

Material:
– Light-weight concrete
Surface finish:
– Untreated
Supply includes:
– 1 base plate
– 2 side parts
– 2 divided base/plinth plates
– Assembly parts and fastening screws for mounting the enclosure

<table>
<thead>
<tr>
<th>Width (B) mm</th>
<th>Depth (T) mm</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>500</td>
<td>9765.082</td>
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<tr>
<td>800</td>
<td>500</td>
<td>9765.084</td>
</tr>
<tr>
<td>1200</td>
<td>500</td>
<td>9765.086</td>
</tr>
</tbody>
</table>

Extended delivery times.

Mounting plates
for CS New Basic enclosures
For the configuration of mounting levels. The mounting plates are depth-adjustable on a 25 mm pitch pattern.

Material:
– Aluminium, 3 mm
Supply includes:
– Assembly parts
Note:
– For an enclosure width of 1200 mm, partial installation with one or two 600 mm wide mounting plates is possible

<table>
<thead>
<tr>
<th>Width mm</th>
<th>Height mm</th>
<th>F</th>
<th>G</th>
<th>Model No.</th>
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<td>800</td>
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<td>1096</td>
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<tr>
<td>1200</td>
<td>1200</td>
<td>1099</td>
<td>1096</td>
<td>9765.191</td>
</tr>
</tbody>
</table>

Mounting angles 482.6 mm (19’)
for CS New Basic enclosures
For mounting 482.6 mm (19’) components in outdoor enclosures. The mounting angles are depth-adjustable on a 25 mm pitch pattern. A depth stay is required to attach the mounting angles.

Material:
– Sheet steel
Surface finish:
– Zinc-plated
Supply includes:
– Mounting accessories

<table>
<thead>
<tr>
<th>Enclosure height mm</th>
<th>U</th>
<th>Packs of 2 pc(s.)</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200</td>
<td>24</td>
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<td>7688.000</td>
</tr>
</tbody>
</table>

Also required:
Depth stays, see page 7

Depth stays
for mounting angles 482.6 mm (19’)

Material:
– Sheet steel
Surface finish:
– Zinc-plated

<table>
<thead>
<tr>
<th>Enclosure width mm</th>
<th>Installation (centre)</th>
<th>Packs of 2 pc(s.)</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>600/1200</td>
<td>482.6 mm (19’)</td>
<td></td>
<td>7696.000</td>
</tr>
<tr>
<td>800</td>
<td>482.6 mm (19’/ metric)</td>
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<td>7698.000</td>
</tr>
</tbody>
</table>
CS wall-mounted enclosures

Outdoor enclosures for wall or pole mounting. Enclosure-within-an-enclosure concept, outer enclosure with cut-out at the bottom and integrated louvres on the rear panel and side panels for ventilation.

**Material:**
- Enclosure: Aluminium AlMg3
- Mounting plate: Aluminium

**Surface finish:**
- Enclosure: Powder-coated, UV-resistant pure polyester
- Mounting plate: Clear chromated

**Colour:**
- RAL 7035

**Protection category IP to IEC 60 529:**
- IP 55

**Supply includes:**
- Double-walled outdoor enclosure fully pre-configured
- Inner enclosure with mounting plate, gland plate and security lock (CS 9791.045 with 2 security locks)
- Mounting bracket for enclosure internal thermostat or hygrostat
- Outer enclosure with designer cover and security lock 3524 E
- 2 C rails on the rear panel

**Availability:**
Available on request

**Technical details:**
Available on the Internet

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### Compact enclosures AE, stainless steel
Cat. 34, page 179

**Hygienic Design**
Cat. 34, page 170

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<table>
<thead>
<tr>
<th>Compact enclosures AE, stainless steel</th>
<th>Hygienic Design</th>
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</thead>
</table>
| Outdoor enclosures for wall or pole mounting. Enclosure-within-an-enclosure concept, outer enclosure with cut-out at the bottom and integrated louvres on the rear panel and side panels for ventilation. | HYG-001

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### Double-walled

<table>
<thead>
<tr>
<th><strong>Outer enclosure</strong></th>
<th><strong>Inner enclosure</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width (B1) mm</strong></td>
<td><strong>Width (B2) mm</strong></td>
</tr>
<tr>
<td></td>
<td>300</td>
</tr>
<tr>
<td><strong>Height (H1) mm</strong></td>
<td><strong>Height (H2) mm</strong></td>
</tr>
<tr>
<td></td>
<td>400</td>
</tr>
<tr>
<td><strong>Depth (T1) mm</strong></td>
<td><strong>Depth (T2) mm</strong></td>
</tr>
<tr>
<td></td>
<td>210</td>
</tr>
<tr>
<td><strong>Clearance width (mm)</strong></td>
<td><strong>Clearance width (B3) mm</strong></td>
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<tr>
<td></td>
<td>280</td>
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<tr>
<td><strong>Clearance height (mm)</strong></td>
<td><strong>Clearance height (H3) mm</strong></td>
</tr>
<tr>
<td></td>
<td>380</td>
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<tr>
<td><strong>Mounting plate width (B3) mm</strong></td>
<td><strong>Mounting plate height (H3) mm</strong></td>
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<td></td>
<td>380</td>
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<tr>
<td><strong>Model No.</strong></td>
<td><strong>Cat. 34, page</strong></td>
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<tr>
<td></td>
<td>9791.015</td>
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<tr>
<td></td>
<td>9791.025</td>
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<td></td>
<td>9791.045</td>
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### Accessories

<table>
<thead>
<tr>
<th><strong>Pole clamp</strong></th>
<th><strong>Enclosure heaters</strong></th>
<th><strong>Enclosure internal thermostat</strong></th>
<th><strong>Hygrostat</strong></th>
<th><strong>Socket</strong></th>
<th><strong>LED system light</strong></th>
<th><strong>LED connection cable</strong></th>
<th><strong>Adaptor power pack</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 set(s)</td>
<td>1 pc(s)</td>
<td>1 pc(s)</td>
<td>1 pc(s)</td>
<td>2 pc(s)</td>
<td>1 pc(s)</td>
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<td>2584.000</td>
<td>3105.330</td>
<td>3110.000</td>
<td>3118.000</td>
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<td>4140.810</td>
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<td>3110.000</td>
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<td>4140.810</td>
<td>4315.800</td>
<td>4315.800</td>
</tr>
</tbody>
</table>

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Rittal Outdoor system solutions
CS Toptec

Universal platform for outdoor applications
- TS 8 frame – Identical system platform in the outdoor sector as for IE or IT free-standing enclosures
- Weather canopy – With projection on all sides
- Chimney effect of the twin-walled structure – Reduces the influence of sunlight
- Mounting benefit – Open frame structure means fast configuration, also applies to bayed variants

Version

Enclosure type:
- Outdoor enclosure, twin-walled

Material:
- Base frame: Stainless steel
- Enclosure panels: Aluminium
- Rain canopy: Aluminium

Variants and modifications available on request:
- Dimensions
- Baying
- Side door
- Rear door
- Climate control

Typical size variants:
Width x height x depth
- 600 x 1200 x 600 mm
- 800 x 1200 x 600 mm
- 600 x 1600 x 600 mm
- 800 x 1600 x 600 mm
MFC – Multifunctional cabinets

Platform for telecommunications solutions

- Weather canopy – with ventilation
- Gland plate with cable glands
- 482.6 mm (19”) mounting angles inside the enclosure, in stainless steel throughout
- Aluminium mounting plate
- Depending on the design, with single door/two doors, symmetrical or asymmetrical
Version

Enclosure type:
- Modular outdoor enclosure system, single- or twin-walled

Material:
- Base frame: Aluminium
- Enclosure and panels: Aluminium
- Rain canopy: Aluminium
- 482.6 mm (19”) mounting angles: Stainless steel

Variants available on request:
- MFC 8 single-walled:
  WHD 1000 x 1500 x 500 mm
- MFC 8 twin-walled:
  WHD 1000 x 1500 x 500 mm
- MFC 12 twin-walled:
  WHD 1300 x 1500 x 500 mm
- MFC 15 twin-walled:
  WHD 1700 x 1500 x 500 mm
- MFC 18 twin-walled:
  WHD 2000 x 1500 x 500 mm

Accessories available on request:
- Base/plinth
- DAC (Direct Air Cooling)
- Heat exchanger
- Battery base
- PSU (energy meter for power supply companies)
- Voltage transformer

More information can be found at www.rittal.com
Rittal – The System.

Faster – better – everywhere.

- Enclosures
- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

You can find the contact details of all Rittal companies throughout the world here.

www.rittal.com/contact