Rittal – CP-C support arm systems
CP-C support arm system components

1. Closed support arm section (6074.000, .100, .300, .500)
2. Open support arm section (6075.100, .300, .500)
3. Enclosure attachment (6070.200)
4. Enclosure coupling (6070.000)
5. 90° enclosure coupling (6071.200)
6. 90° elbow (6071.400)
7. Intermediate hinge (6071.800)
8. Top-mounted joint, vertical outlet (6072.800)
9. Wall-mounted joint, vertical outlet (6072.400)
10. Top-mounted joint, horizontal outlet (6072.600)
11. Wall-mounted joint, horizontal outlet (6072.500)
12. Small wall/base mounting bracket (6072.200)
13. Large wall/base mounting bracket (6072.000)
14. Mounting component (6073.000)
We all know that smart ergonomic design contributes to operating efficiency on the plant floor. Rittal understands this inside and out—every day we build industry leading support arm systems and suspended enclosures.

The new CP-C modular system’s smart design and high load bearing capacity allows configurations that are ideal for practically every situation. When coupled with our Comfort Panel and Optipanel enclosures you can easily configure a stylish and functional system, all from a single knowledgeable source.

The CP-C support arm systems are designed for simple, convenient adjustments in the field.

Automatic electrical bonding of all components—no ground straps needed.

Designed for intermediate loads (between Rittal’s CP-L and CP-XL product lines).

Compatible with all Rittal operator interface enclosures with CP-L mounting cut-outs or the corresponding adaptor.

Data and power cables can be separated both mechanically and electrically by inserting an optional partition strip.

The large interior channel accommodates VGA or DVI connectors up to 30x64 mm.

Signal pillars can be installed using mounting components.

It is simple to add your own designs to the side of the arms using labels you supply.

Intelligently designed bases make adjustment and limitation of the rotation angle easy.

Sections can be individually cut to length and secured using screw channels—no need for thread tapping.

Bases and wall hinges are available to accommodate vertically oriented mounting applications.
## CP-C support arm system

<table>
<thead>
<tr>
<th></th>
<th>Desk section</th>
<th>Wall section</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° elbow</td>
<td></td>
<td></td>
<td>6071.400 - 6071.400</td>
</tr>
<tr>
<td>Intermediate hinge</td>
<td></td>
<td></td>
<td>6071.800 - 6072.800</td>
</tr>
<tr>
<td>Top-mounted joint (vertical outlet)</td>
<td></td>
<td></td>
<td>6072.600 - 6072.400</td>
</tr>
<tr>
<td>Top-mounted joint (horizontal outlet)</td>
<td></td>
<td></td>
<td>6072.500 - 6072.200</td>
</tr>
<tr>
<td>Wall-mounted joint (vertical outlet)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wall-mounted joint (horizontal outlet)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small wall/base mounting bracket</td>
<td></td>
<td></td>
<td>6072.200 - 6072.000</td>
</tr>
<tr>
<td>Large wall/base mounting bracket</td>
<td></td>
<td></td>
<td>6072.000 - 6072.000</td>
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Inch and pound measurements are rounded to the nearest whole number.

<table>
<thead>
<tr>
<th></th>
<th>Length inches (mm)</th>
<th>Weight lb (Kg)</th>
<th>Enclosure section</th>
<th>Desk section</th>
<th>Wall section</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure attachment</td>
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<td>-</td>
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<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Enclosure coupling</td>
<td>■</td>
<td>-</td>
<td>6070.000</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>90° enclosure coupling</td>
<td>■</td>
<td>-</td>
<td>6071.200</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Closed support section</td>
<td>-</td>
<td>10 (250)</td>
<td>4 (2.0)</td>
<td>6074.000</td>
<td>6074.100</td>
<td>6074.500</td>
</tr>
<tr>
<td></td>
<td>20 (500)</td>
<td>9 (3.9)</td>
<td>6074.100</td>
<td>6074.300</td>
<td>6074.500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>39 (1000)</td>
<td>17 (7.8)</td>
<td>6074.100</td>
<td>6074.300</td>
<td>6074.500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>79 (2000)</td>
<td>34 (15.6)</td>
<td>6074.100</td>
<td>6074.300</td>
<td>6074.500</td>
<td></td>
</tr>
<tr>
<td>Open support section</td>
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<td>20 (500)</td>
<td>10 (4.6)</td>
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<tr>
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<td>6075.500</td>
<td></td>
</tr>
<tr>
<td>90° elbow</td>
<td>-</td>
<td>-</td>
<td>2 (1.1)</td>
<td>6071.400</td>
<td>-</td>
<td>6071.400</td>
</tr>
<tr>
<td>Intermediate hinge</td>
<td>■</td>
<td>-</td>
<td>10 (4.4)</td>
<td>-</td>
<td>6071.800</td>
<td>-</td>
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<tr>
<td>Top-mounted joint (vertical outlet)</td>
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<td>-</td>
<td>8 (3.8)</td>
<td>-</td>
<td>-</td>
<td>6072.800</td>
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<tr>
<td>Top-mounted joint (horizontal outlet)</td>
<td>■</td>
<td>-</td>
<td>9 (4.3)</td>
<td>-</td>
<td>-</td>
<td>6072.600</td>
</tr>
<tr>
<td>Wall-mounted joint (vertical outlet)</td>
<td>■</td>
<td>-</td>
<td>12 (5.5)</td>
<td>-</td>
<td>-</td>
<td>6072.400</td>
</tr>
<tr>
<td>Wall-mounted joint (horizontal outlet)</td>
<td>■</td>
<td>-</td>
<td>13 (6.1)</td>
<td>-</td>
<td>-</td>
<td>6072.500</td>
</tr>
<tr>
<td>Small wall/base mounting bracket</td>
<td>-</td>
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<td>1 (0.5)</td>
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<td>-</td>
<td>6072.200</td>
</tr>
<tr>
<td>Large wall/base mounting bracket</td>
<td>-</td>
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<td>6 (2.5)</td>
<td>-</td>
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<td>6072.000</td>
</tr>
</tbody>
</table>
CP-C support arm system

Load capacity
Permissible load depending on system configuration

<table>
<thead>
<tr>
<th>System length B inches (mm)</th>
<th>Without intermediate hinge</th>
<th>With intermediate hinge 6071.800 and closed support section</th>
<th>With intermediate hinge 6071.800 and open support section</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 (500)</td>
<td>45 (200)</td>
<td>6075.100</td>
<td></td>
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<tr>
<td>39 (1000)</td>
<td>65 (300)</td>
<td>6075.300</td>
<td></td>
</tr>
</tbody>
</table>

Note: The small wall/base mounting bracket (6072.200) must not be used in conjunction with intermediate hinge 6071.800

Maximum system length is 98 inches (2500 mm) for systems with horizontal outlet at the system start.

System configuration without intermediate hinge, 6071.800

System configuration with intermediate hinge, 6071.800

B max. = 98 inches (2500 mm)

Open support arm section
Attachment to the connection components with 4 self-tapping screws in the screw channel. May be cut to any required length, no thread-tapping required. With open cable duct, for easy servicing access and for pre-assembled cables with connectors; easily locked under cover section. X-shaped profiling for greater load capacity with large cable routing channels. Upper channel adequate for cables with large connectors (e.g. DVI or VGA) and available/usable throughout the entire system.

Dimensions inches (mm):
3 x 5 (75 x 120)

Material:
Support section: Extruded aluminium section
Cover: Plastic

Color:
Support section: RAL 7035 (light gray)
Cover: RAL 7024 (graphite gray)

<table>
<thead>
<tr>
<th>Length inches (mm)</th>
<th>Weight lb (kg)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 (500)</td>
<td>10 (4.6)</td>
<td>6075.100</td>
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<tr>
<td>39 (1000)</td>
<td>20 (9.2)</td>
<td>6075.300</td>
</tr>
<tr>
<td>79 (2000)</td>
<td>40 (18.4)</td>
<td>6075.500</td>
</tr>
</tbody>
</table>

Inch and pound measurements are rounded to the nearest whole number.
**Closed support arm section**
Attachment to the connection components with 4 self-tapping screws in the screw channel. May be cut to any required length, no thread-tapping required.

**Dimensions inches (mm):**
- 3 x 5 (75 x 120)

**Material:**
- Extruded aluminium section

**Color:**
- RAL 7035 (light gray)

<table>
<thead>
<tr>
<th>Length inches (mm)</th>
<th>Weight lb (kg)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 (250)</td>
<td>4 (2.0)</td>
<td>6074.000</td>
</tr>
<tr>
<td>20 (500)</td>
<td>9 (3.9)</td>
<td>6074.100</td>
</tr>
<tr>
<td>39 (1000)</td>
<td>17 (7.8)</td>
<td>6074.300</td>
</tr>
<tr>
<td>79 (2000)</td>
<td>34 (15.6)</td>
<td>6074.500</td>
</tr>
</tbody>
</table>

**Enclosure attachment**
for command panels with support arm connection
- CP-L Ø 5 inches (130 mm)
- CP-XL
For rigid fastening of the enclosure to the support arm system.

**Material:**
- Die-cast zinc

**Color:**
- RAL 7035 (light gray)

<table>
<thead>
<tr>
<th>Weight lb (kg)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (0.7)</td>
<td>6070.200</td>
</tr>
</tbody>
</table>

**Enclosure coupling**
for command panels with support arm connection
- CP-L Ø 5 inches (130 mm)
For swivel mounting of the enclosure on the vertical section of the support arm system.

**Rotation range:**
Approx. 310°, lockable using clamping levers. By inserting the grub screws, the rotation angle can be limited.

**Material:**
- Die-cast zinc

**Supply includes:**
- Seal, grub screws and self-tapping screws for CP-C support section attachment.

**Color:**
- RAL 7035 (light gray)
CP-C support arm system

90° enclosure coupling
for command panels with support arm connection

- CP-L Ø 5 inches (130 mm)
  For swivel mounting of the enclosure on the horizontal part of the support arm system. Enclosure may be suspended or top-mounted. Removable lid for simple cable entry.

Rotation range:
Approx. 310°, lockable using clamping levers. By inserting the grub screws, the rotation angle can be limited.

Material:
Enclosure coupling: Cast aluminium/die-cast zinc
Lid: Plastic

Color:
Enclosure coupling: RAL 7035 (light gray)
Lid: RAL 7024 (graphite gray)

Supply includes:
Seals, grub screws, adjusting screws and self-tapping screws for CP-C support section attachment.

<table>
<thead>
<tr>
<th>Weight (lb (kg))</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 (2.1)</td>
<td>6071.200</td>
</tr>
</tbody>
</table>

90° elbow
For connecting horizontal and vertical support arm components. Removable lid for simple cable entry.

Material:
Angle piece: Cast aluminium
Lid: Plastic

Color:
Elbow: RAL 7035 (light gray)
Lid: RAL 7024 (graphite gray)

Supply includes:
Seals, adjusting screws and self-tapping screws for CP-C support section attachment.

Accessories:
(CP 6073.000), see page 11.
**Intermediate hinge**
For vertically hinged connection of horizontal support sections within the support arm system. Removable lid for simple cable entry.

**Rotation range:**
Approx. 330°. By inserting the screws, the rotation angle can be limited.

**Material:**
Intermediate hinge: Cast aluminium
Lid: Plastic

**Color:**
Intermediate hinge: RAL 7035 (light gray)
Lid: RAL 7024 (graphite gray)

**Supply includes:**
Seals, screws for limiting the rotation angle, adjusting screws and self-tapping screws for CP-C support section attachment.

**Accessories:**
(CP 6073.000), see page 11.

<table>
<thead>
<tr>
<th>Weight (lb)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 (4.4)</td>
<td>6071.800</td>
</tr>
</tbody>
</table>

**Top-mounted joint**
**Vertical outlet**
For swivel mounting of the support arm system on horizontal surfaces—also suitable for suspending from the ceiling.

**Rotation range:**
Approx. 330°. By inserting the screws, the rotation angle can be limited.

**Material:**
Cast aluminium

**Color:**
RAL 7035 (light gray)

**Supply includes:**
Seals, screws for limiting the rotation angle, adjusting screws and self-tapping screws for CP-C support section attachment.

<table>
<thead>
<tr>
<th>Weight (lb)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 (3.8)</td>
<td>6072.800</td>
</tr>
</tbody>
</table>
Top-mounted joint

**Horizontal outlet**
For swivel mounting of the support arm system on horizontal surfaces – also suitable for suspending from the ceiling. Removable lid for simple cable entry.

**Rotation range:**
Approx. 330°.
By inserting the screws, the rotation angle can be limited.

**Material:**
Top-mounted joint: Cast aluminium
Lid: Plastic

**Color:**
Top-mounted joint: RAL 7035 (light gray)
Lid: RAL 7024 (graphite gray)

**Supply includes:**
Seals, screws for limiting the rotation angle, adjusting screws and self-tapping screws for CP-C support section attachment.

**Accessories:**
(CP 6073.000), see page 11.

### Weight

<table>
<thead>
<tr>
<th></th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 (4.3)</td>
<td>6072.600</td>
</tr>
</tbody>
</table>

Wall-mounted joint

**Vertical outlet**
For vertically hinged mounting of the support arm surface on vertical surfaces. Removable lid for simple cable entry.

**Rotation range:**
Approx. 330°.
By inserting the screws, the rotation angle can be limited.

**Material:**
Wall-mounted joint: Cast aluminium
Lid: Plastic

**Color:**
Wall-mounted joint: RAL 7035 (light gray)
Lid: RAL 7024 (graphite gray)

**Supply includes:**
Seals, screws for limiting the rotation angle, adjusting screws and self-tapping screws for CP-C support section attachment.

**Accessories:**
(CP 6073.000), see page 11.

### Weight

<table>
<thead>
<tr>
<th></th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 (5.5)</td>
<td>6072.400</td>
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</table>

Wall-mounted joint

**Horizontal outlet**
For vertically hinged mounting of the support arm surface on vertical surfaces. Removable lid for simple cable entry.

**Rotation range:**
Approx. 330°.
By inserting the screws, the rotation angle can be limited.

**Material:**
Wall-mounted joint: Cast aluminium
Lid: Plastic

**Color:**
Wall-mounted joint: RAL 7035 (light gray)
Lid: RAL 7024 (graphite gray)

**Supply includes:**
Seals, screws for limiting the rotation angle, adjusting screws and self-tapping screws for CP-C support section attachment.

**Accessories:**
(CP 6073.000), see page 11.

### Weight

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>12 (5.5)</td>
<td>6072.500</td>
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</tbody>
</table>
CP-C support arm system

Small wall/base mounting bracket
For rigid attachment of the support arm system to vertical or horizontal surfaces. For the configuration of compact support arm systems.

Material:
Cast aluminium

Color:
RAL 7035 (light gray)

Supply includes:
Seals, adjusting screws for support section and self-tapping screws for CP-C support section attachment.

<table>
<thead>
<tr>
<th>Weight</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>lb (kg)</td>
<td>----------</td>
</tr>
<tr>
<td>1 (0.5)</td>
<td>6072.200</td>
</tr>
</tbody>
</table>

Benefits:
- Prepared for flexible cable entry and routing from all sides
- Integral one-man assembly via machined keyholes
- Optional anti-twist attachment onto the mounting surface by pinning
- Integral adjustment facility

Material:
Wall/base mounting bracket, large:
Cast aluminium
Cover: Plastic

Color:
Wall/base mounting bracket, large: RAL 7035 (light gray)
Cover: RAL 7024 (graphite gray)

Supply includes:
Seals, self-tapping screws and grub screws for CP-C support section attachment and for adjustment.

Large wall/base mounting bracket
For rigid attachment of the support arm system to vertical or horizontal surfaces.

<table>
<thead>
<tr>
<th>Weight</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>lb (kg)</td>
<td>----------</td>
</tr>
<tr>
<td>6 (2.5)</td>
<td>6072.000</td>
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</tbody>
</table>

Mounting cut-out

Inch and pound measurements are rounded to the nearest whole number.
Mounting component
for support arm system CP-C
For external mounting of a signal pillar on the plastic cover of the support arm components.

Color:
RAL 7024 (graphite grey)

<table>
<thead>
<tr>
<th>For</th>
<th>Suitable for</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° enclosure coupling 6071.200</td>
<td>LED compact signal pillar¹)</td>
<td>6073.000</td>
</tr>
<tr>
<td>90° elbow 6071.400</td>
<td>modular signal pillar²)</td>
<td>6073.000</td>
</tr>
<tr>
<td>Intermediate hinge 6071.800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wall-mounted joint 6072.500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top-mounted joint 6072.600</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹) Requires connection adaptor 2372.120, visit www.rittal-corp.com for further information
²) Requires connection component 2368.000, visit www.rittal-corp.com for further information

CP-C to CP-L Connection adaptor
Applications:
• For integration of the support arm, height adjustable CP-L (6510.320, .330, .340 – visit www.rittal-corp.com for further information) to the CP-C support arm system
• For mounting small, flat operating housings if the load capacity of the support arm system CP-C is needed for long jib lengths

Benefits:
• Integral adjustment facility

Material:
Cast aluminium

Supply includes:
Seals and self-tapping screws for CP-L support section attachment.

<table>
<thead>
<tr>
<th>Weight lb (kg)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1 (0.6)</td>
<td>6071.600</td>
</tr>
</tbody>
</table>

1. Seals and self-tapping screws for CP-L support section attachment.
2. Connection of the CP-C system components 6071.400, 6071.800
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- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

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