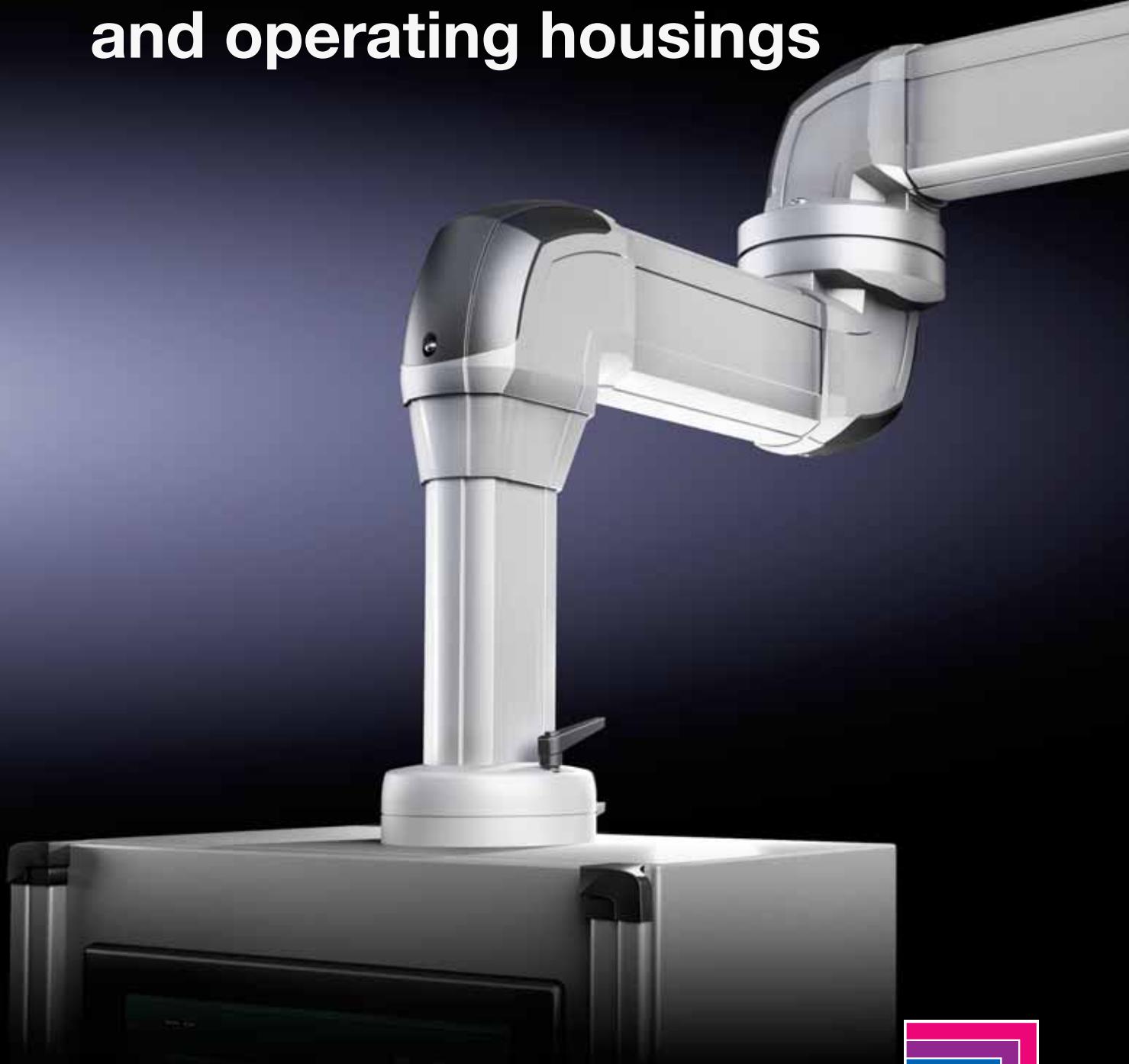


# Rittal – The System.

Faster – better – everywhere.

► **Support arm systems  
and operating housings**



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# Rittal – The System.

Faster – better – everywhere.



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

FRIEDHELM LOH GROUP

# Rittal – The System.

The whole is more than the sum of its parts.

The same is true of “Rittal – The System.” With this in mind, we have bundled our innovative enclosure, power distribution, climate control and IT infrastructure products together into a single system platform. Complemented by our extensive range of software tools and global service, we create unique added value for all industrial applications: Production plant, test equipment, facility management and data centres. In accordance with our simple principle, “Faster – better – everywhere”, we are able to combine innovative products and efficient service to optimum effect.

**Faster** – with our “Rittal – The System.” range of modular solutions, which guarantees fast planning, assembly, conversion and commissioning with its system compatibility.

**Better** – by being quick to translate market trends into products.

In this way, our innovative strength helps you to secure competitive advantages.

**Everywhere** – thanks to global networking across 150 locations. Rittal has over 60 subsidiaries, more than 150 service partners and over 1,000 service engineers worldwide. For more than 50 years, we have been on hand to offer advice, assistance and product solutions.

IT INFRASTRUCTURE

SOFTWARE & SERVICES



# Support arm system CP 60/120/180



## **Uniform engineering**

- All load levels from from 600 to 1,800 N
- One system
- Simple system replacement in the vertical axis to cut costs and weight
- Consistent combination options

## **Multi-functional assembly**

- Uniform adjustment principle, also possible retrospectively without dismantling
- Perfect limitation of rotation ranges
- Simple, one-person assembly
- Sections are easily cut to the required length

## **Efficient cable management**

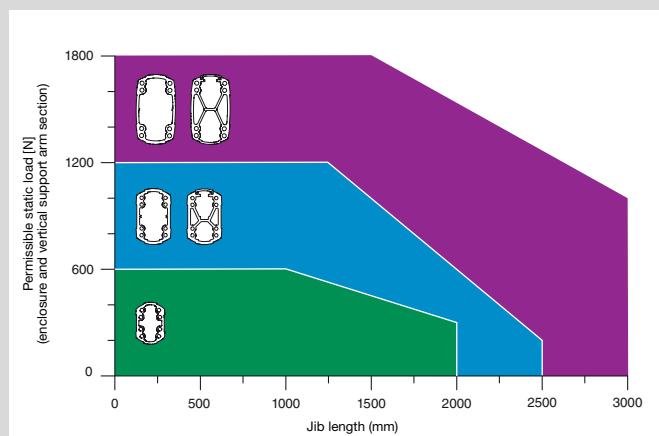
- Cross-section sufficient for large connectors
- Simple separation between data and power cables is supported
- Flexible cable entry and routing options
- Automatic, consistent potential equalisation of all support arm components
- Open support section for easy upgrade and servicing access



# Support arm system CP 60/120/180



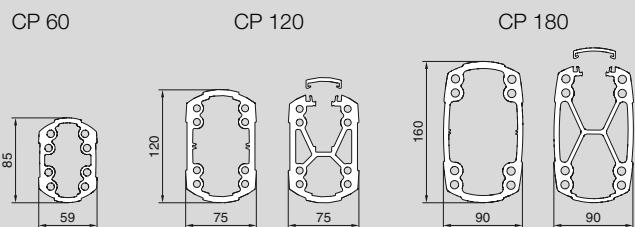
Operating housings with handle strips From page 21 **Comfort Panel** Page 23 **Optipanel** Page 23



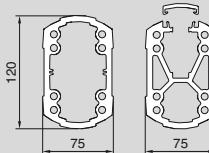
## System replacement

In the vertical axis, a system replacement to the next smallest system is possible without impairing the load capacity.

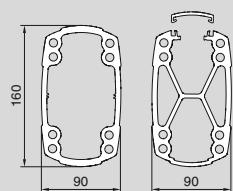
CP 60



CP 120



CP 180



## Support arm configurator for CP 40/60/120/180

The tool is able to precisely define the correct support arm system using important user-specific parameters such as the jib length, enclosure weight or required cable cross-section.

### Benefits:

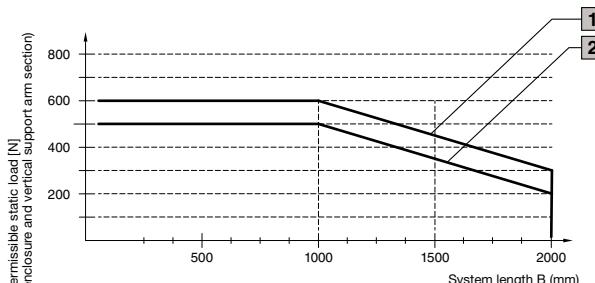
- Individual assembly tailored to the requirements of the application
- Built-in consistency check
- The outcome is a plausibility-checked parts list

[www.rittal.com](http://www.rittal.com)

# Support arm system CP 60/120/180, load capacity

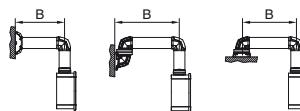
## Support arm system CP 60

### Permissible load depending on system configuration



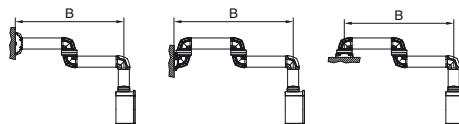
Wall/base mounting bracket, small CP 6206.820 must not be used in conjunction with intermediate hinge CP 6206.620!  
Intermediate hinge CP 6206.620 should only be used once per system!

[1] System configuration without intermediate hinge, CP 6206.620



B max. = 2000 mm

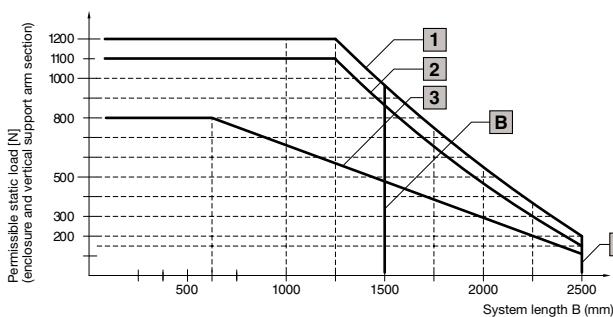
[2] System configuration with intermediate hinge CP 6206.620



B max. = 2000 mm

## Support arm system CP 120

### Permissible load depending on system configuration



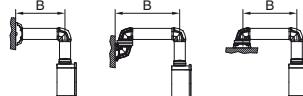
[1] With solid or open support section

[2] With solid support section

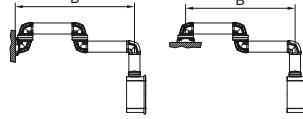
[3] With open support section

[A] Maximum system length 2500 mm for systems with horizontal outlet at the system start.

[1] System configuration without intermediate hinge CP 6212.620



[2][3] System configuration with intermediate hinge CP 6212.620

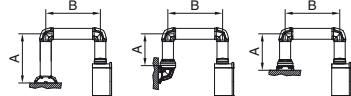


B max. = 2500 mm

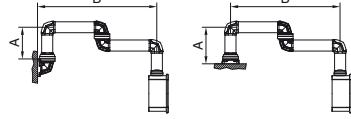
Intermediate hinge CP 6212.620 should only be used once per system!

[B] Maximum system length 1500 mm for systems with vertical outlet at the system start.

[1] System configuration without intermediate hinge CP 6212.620



[2][3] System configuration with intermediate hinge CP 6212.620

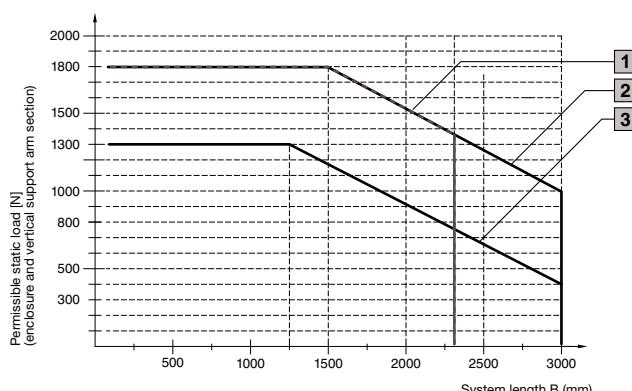


A max. = 500 mm B max. = 1500 mm

Intermediate hinge CP 6212.620 should only be used once per system!

## Support arm system CP 180

### Permissible load depending on system configuration

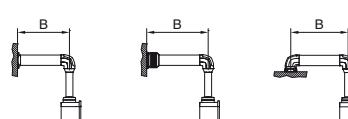


[1] With solid or open support section

[2] With solid support section

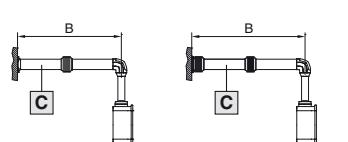
[3] With open support section

[1] System configuration without intermediate hinge, CP 6218.620



B max. = 2300 mm

[2][3] System configuration with intermediate hinge CP 6218.620



B max. = 3000 mm

Intermediate hinge CP 6218.620 should only be used once per system!

[C] Rittal recommends using a solid support section



# Support arm system CP 60

## Component overview



- [1] Tilting adaptor 10° for support arm connection Ø 130 mm (6206.400)
- [2] Tilting adaptor 10° for support arm connection □ 120 x 65 mm (6206.440)
- [3] Tilting adaptor +/-45° for support arm connection Ø 130 mm (6206.420)
- [4] Tilting adaptor +100/-60° for support arm connection □ 120 x 65 mm (6206.460)
- [5] Connection console VESA 75/100 for support arm connection □ 120 x 65 mm (6206.480)
- [6] Attachment CP 60 for support arm connection Ø 130 mm (6206.320)
- [7] Attachment CP 60 for support arm connection □ 120 x 65 mm (6206.360)
- [8] Coupling CP 60 for support arm connection Ø 130 mm (6206.300)
- [9] Coupling CP 60 for support arm connection □ 120 x 65 mm (6206.340)
- [10] Angle coupling 90° CP 60 for support arm connection Ø 130 mm (6206.380)
- [11] Support section CP 60, solid (6206.025, 6206.050, 6206.100, 6206.200)
- [12] Angle adaptor 90° for support arm combination CP 60/40 (6206.640)
- [13] Support section CP 40, steel (6501.000)
- [14] Coupling CP 40, steel, for support arm connection □ 90 x 71 mm (6501.050)
- [15] Angle piece 90° CP 60 (6206.600)
- [16] Intermediate hinge CP 60 (6206.620)
- [17] Top-mounted joint CP 60, horizontal outlet (6206.700)
- [18] Wall-mounted hinge CP 60, horizontal outlet (6206.740)
- [19] Wall/base mounting bracket CP 60, small (6206.820)
- [20] Wall/base mounting bracket CP 60, large (6206.800)
- [21] Mounting component CP 60 for signal pillar (6206.900)



# Support arm system CP 60



**Operating housings with handle strips** From page 21 **Comfort Panel** Page 23 **Optipanel** Page 23 **Compact Panel** Page 23

## Support section CP 60

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. Closed cable duct with a large cross-section.

## Size:

- External dimensions:  
59 x 85 mm

## Material:

- Support section:  
Extruded aluminium section

## Colour:

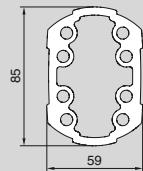
- Support section: RAL 7035

## Supply includes:

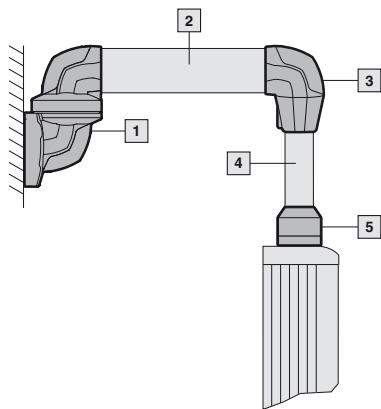
- Support section

## Technical details:

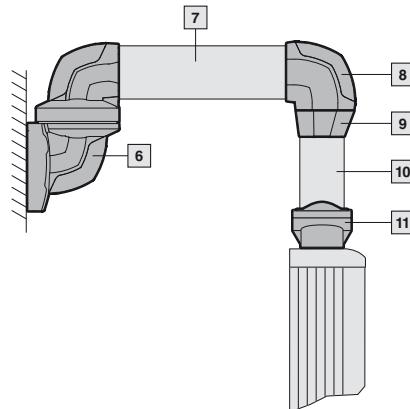
Available on the Internet



Combination with support arm system CP 40

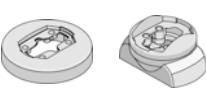


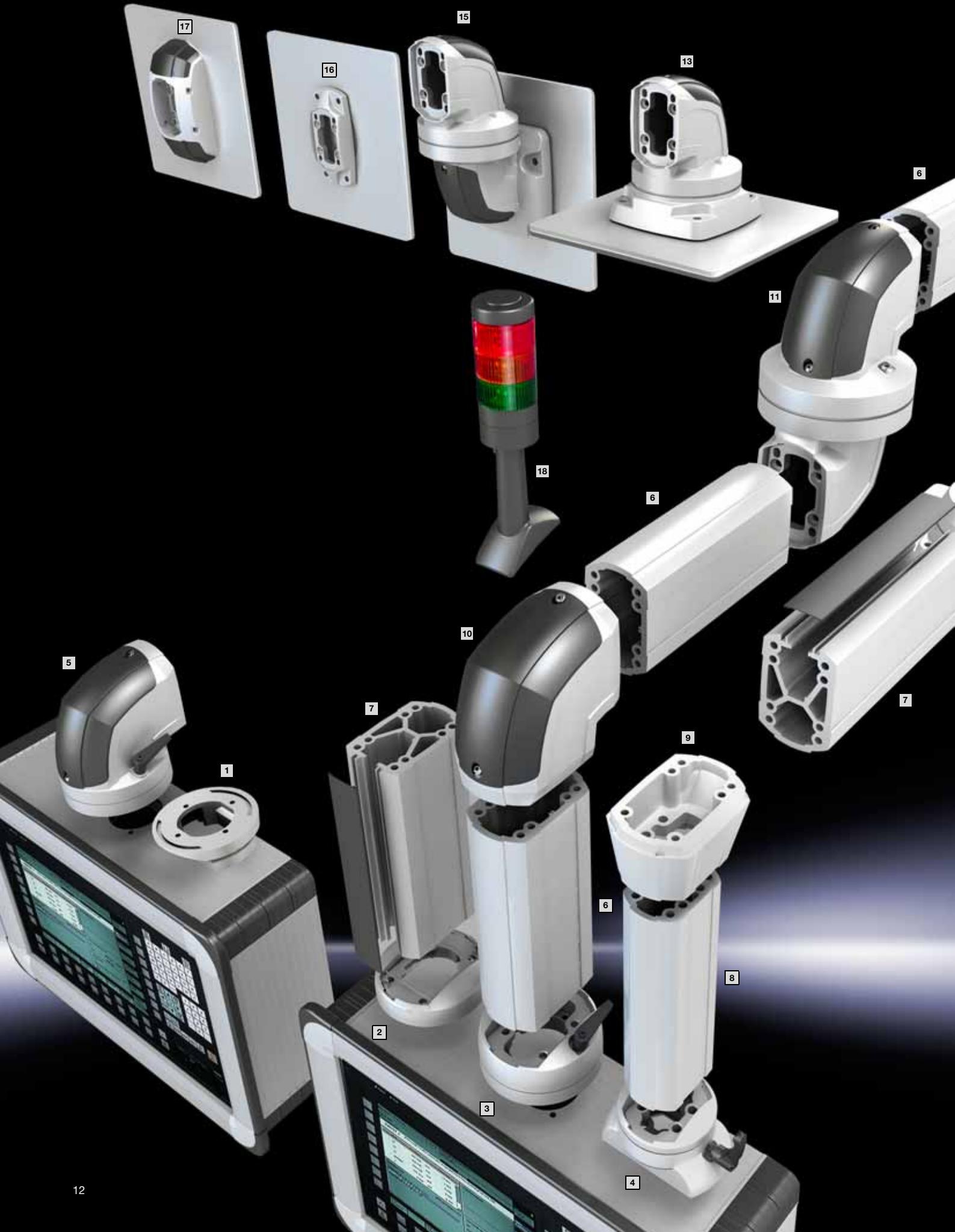
Combination with support arm system CP 120



- [1] Wall-mounted hinge CP 60, horizontal outlet (6206.740)
- [2] Support section CP 60, 1000 mm (6206.100)
- [3] Angle adaptor 90° for support arm combination CP 60/40 (6206.640)
- [4] Support section CP 40, steel, 500 mm (6501.000)
- [5] Coupling CP 40, steel, for support arm connection □ 120 x 65 mm (6501.130)
- [6] Wall-mounted hinge CP 120, horizontal outlet (6212.740)
- [7] Support section CP 120, 1000 mm (6212.100)
- [8] Angle piece 90° CP 120 (6212.600)
- [9] Adaptor for support arm combination CP 120/60 (6212.640)
- [10] Support section CP 60, 500 mm (6206.050)
- [11] Coupling CP 60 for support arm connection □ 120 x 65 mm (6206.340)

# Support arm system CP 60

	Rotating/tilting	Rigid	Length mm	Weight kg	Colour RAL	Enclosure section CP 60	Enclosure section CP 60/40	Centre section CP 60	Wall section CP 60
	Model No.								
	<b>Tilting adaptor 10° for support arm connection</b>								
Ø 130 mm	-	■	-	0.6	7035	<b>6206.400</b>	-	-	-
□ 120 x 65 mm				0.4		<b>6206.440</b>	-	-	-
	<b>Tilting adaptor +/-45° / tilting adaptor +100°/-60° for support arm connection</b>								
Ø 130 mm	■	-	-	1.2	7024	<b>6206.420</b>	-	-	-
□ 120 x 65 mm	■	-	-	0.8	7035/7024	<b>6206.460</b>	<b>6206.460</b>	-	-
□ 90 x 71 mm				0.8			<b>6206.460</b>	-	-
	<b>Connection console VESA 75/100 for support arm connection</b>								
□ 120 x 65 mm	-	■	-	1.1	7035/7024	<b>6206.480</b>	-	-	-
	<b>Attachment CP 60/40 for support arm connection</b>								
Ø 130 mm	-	■	-	0.7	7035	<b>6206.320</b>	-	-	-
□ 120 x 65 mm	-	■	-	1.0	7035	<b>6206.360</b>	-	-	-
□ 90 x 71 mm				1.0	7024	-	<b>6501.070</b>	-	-
	<b>Coupling CP 60/40 for support arm connection</b>								
Ø 130 mm	■	-	-	2.1	7035	<b>6206.300</b>	-	-	-
□ 120 x 65 mm	■	-	-	1.2	7035	<b>6206.340</b>	<b>6501.130</b>	-	-
□ 90 x 71 mm				1.1	7024	-	<b>6501.050</b>	-	-
	<b>Angle coupling 90° CP 60/40 for support arm connection</b>								
Ø 130 mm	■	-	-	1.8	7035/7024	<b>6206.380</b>	-	-	-
	<b>Support section CP 60/40</b>					<b>CP 60</b>	<b>CP 40</b>	<b>CP 60</b>	<b>CP 60</b>
Solid	-	-	250 500 1000 2000	1.25 2.5 5.0 10.0	7035	<b>6206.025</b> <b>6206.050</b> <b>6206.100</b> <b>6206.200</b>	- <b>6501.000</b> <b>6501.020</b> -	<b>6206.025</b> <b>6206.050</b> <b>6206.100</b> <b>6206.200</b>	<b>6206.025</b> <b>6206.050</b> <b>6206.100</b> <b>6206.200</b>
	<b>Angle adaptor 90° for support arm combination CP 60/40</b>						<b>6206.640</b>	-	-
	-	■	-	1.0	7035/7024				
	<b>Angle piece 90° CP 60</b>								<b>6206.600</b>
	-	■	-	0.5	7035/7024	<b>6206.600</b>	-	-	<b>6206.600</b>
	<b>Intermediate hinge CP 60</b>							<b>6206.620</b>	-
	■	-	-	2.2	7035/7024		-		
	<b>Top-mounted joint CP 60</b>								<b>6206.700</b>
Horizontal outlet	■	-	-	2.2	7035/7024		-	-	<b>6206.700</b>
	<b>Wall-mounted hinge CP 60</b>								<b>6206.740</b>
Horizontal outlet	■	-	-	2.85	7035/7024		-	-	<b>6206.740</b>
	<b>Wall/base mounting bracket CP 60, small</b>								<b>6206.820</b>
	-	■	-	0.35	7035		-	-	<b>6206.820</b>
	<b>Wall/base mounting bracket CP 60, large</b>								<b>6206.800</b>
	-	■	-	1.4	7035/7024		-	-	<b>6206.800</b>
	<b>Mounting component CP 60 for signal pillar</b>								<b>6206.900</b>
	-	■	-	0.1	7024	<b>6206.900</b>	<b>6206.900</b>	<b>6206.900</b>	<b>6206.900</b>
<b>Accessories</b>									
Adaptor CP 120/60 Ø 130 mm to □ 120 x 65 mm 6212.500									



# Support arm system CP 120

## Component overview



- [1] Adaptor CP 120 from support arm connection Ø 130 mm to □ 120 x 65 mm (6212.500)
- [2] Attachment CP 120 for support arm connection Ø 130 mm (6212.320)
- [3] Coupling CP 120 for support arm connection Ø 130 mm (6212.300)
- [4] Coupling CP 60 for support arm connection □ 120 x 65 mm (6206.340)
- [5] Angle coupling 90° CP 120 for support arm connection Ø 130 mm (6212.380)
- [6] Support section CP 120, solid (6212.025, 6212.050, 6212.100, 6212.200)
- [7] Support section CP 120, open (6212.150, 6212.110, 6212.210)
- [8] Support section CP 60, solid (6206.025, 6206.050, 6206.100, 6206.200)
- [9] Adaptor for support arm combination CP 120/60 (6212.640)
- [10] Angle piece 90° CP 120 (6212.600)
- [11] Intermediate hinge CP 120 (6212.620)
- [12] Top-mounted joint CP 120, vertical outlet (6212.720)
- [13] Top-mounted joint CP 120, horizontal outlet (6212.700)
- [14] Wall-mounted hinge CP 120, vertical outlet (6212.760)
- [15] Wall-mounted hinge CP 120, horizontal outlet (6212.740)
- [16] Wall/base mounting bracket CP 120, small (6212.820)
- [17] Wall/base mounting bracket CP 120, large (6212.800)
- [18] Mounting component CP 120/180 for signal pillar (6212.900)

# Support arm system CP 120



**Operating housings with handle strips** From page 21 **Comfort Panel** Page 23 **Optipanel** Page 23 **Compact Panel** Page 23

## Support section CP 120

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. Closed cable duct with a large cross-section. Open cable duct for easy servicing access and for pre-assembled cables with connectors; lockable via cover section.

X-shaped profiling for greater load capacity, large cable routing channels. Upper channel adequate for cables with large connectors (e.g. DVI or VGA) and available/usable throughout the entire system.

### Size:

- External dimensions:  
75 x 120 mm

### Material:

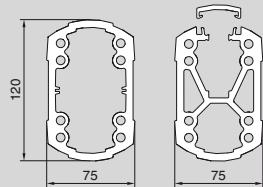
- Support section:  
Extruded aluminium section

### Colour:

- Support section: RAL 7035

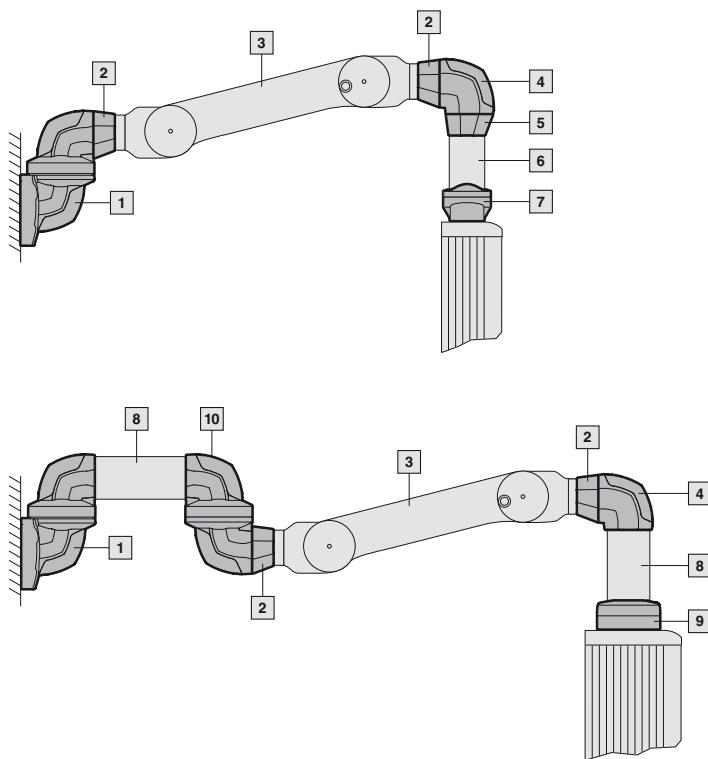
### Supply includes:

- Support section



**Technical details:**  
Available on the Internet

Combinations with support arm, height adjustable

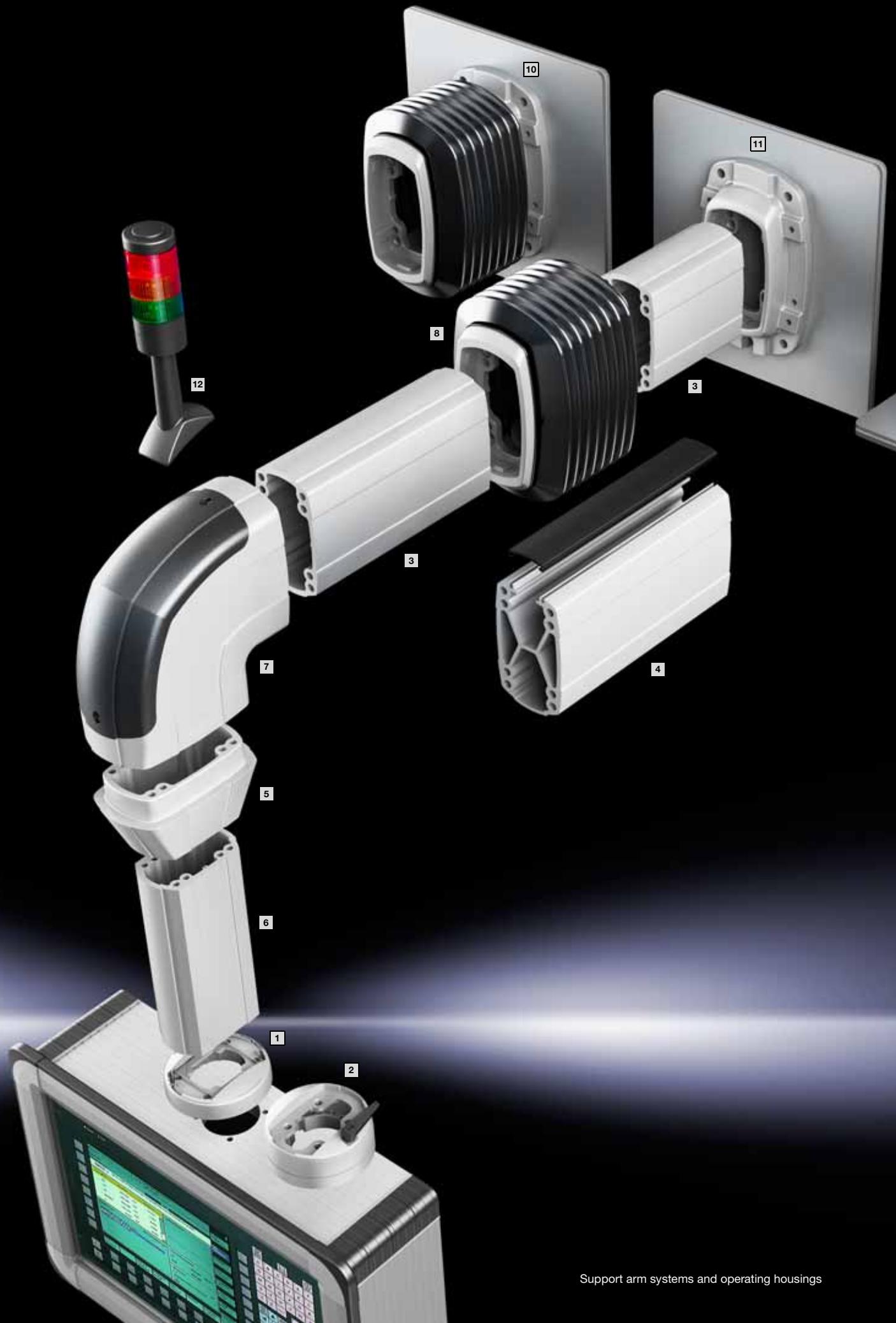


- [1] Wall-mounted hinge CP 120, horizontal outlet (6212.740)
- [2] Adaptor CP 120 to support arm, height-adjustable (6071.600)
- [3] Support arm, height-adjustable
- [4] Angle piece 90° CP 120 (6212.600)
- [5] Adaptor for support arm combination CP 120/60 (6212.640)
- [6] Support section CP 60, L = 500 mm (6206.050)
- [7] Coupling CP 60 for support arm connection □ 120 x 65 mm (6206.340)
- [8] Support section CP 120, solid, L = 500 mm (6212.050)
- [9] Coupling CP 120 for support arm connection Ø 130 mm (6212.300)
- [10] Intermediate hinge CP 120 (6212.620)

# Support arm system CP 120

	Rotating/tilting	Rigid	Length mm	Weight kg	Colour RAL	Enclosure section CP 120	Enclosure section CP 120/60	Centre section CP 120	Wall section CP 120
	Model No.								
	-	■	-	0.5	7035	<b>6212.500</b>	<b>6212.500</b>	-	-
<b>Adaptor CP 120/60 from support arm connection Ø 130 mm to □ 120 x 65 mm</b>									
	-	■	-	0.7	7035	<b>6212.320</b>	<b>6206.320</b>	-	-
	-	■	-	0.7	7035	-	<b>6206.360</b>	-	-
<b>Attachment CP 120/60 for support arm connection</b>									
	■	-	-	2.0	7035	<b>6212.300</b>	<b>6206.300</b>	-	-
	-	-	-	-	-	-	<b>6206.340</b>	-	-
<b>Coupling CP 120/60 for support arm connection</b>									
	■	-	-	2.1	7035/7024	<b>6212.380</b>	-	-	-
<b>Angle coupling 90° CP 120 for support arm connection</b>									
	<b>Support section CP 120/60</b>			250	2.0	<b>CP 120</b>	<b>CP 60<sup>1)</sup></b>	<b>CP 120</b>	<b>CP 120</b>
	Solid			500	3.9	7035	<b>6212.025</b> <b>6212.050</b> <b>6212.100</b> <b>6212.200</b>	<b>6206.025</b> <b>6206.050</b> <b>6206.100</b> <b>6206.200</b>	<b>6212.025</b> <b>6212.050</b> <b>6212.100</b> <b>6212.200</b>
	Open			1000	7.8	7035	<b>6212.150</b> <b>6212.110</b> <b>6212.210</b>	-	<b>6212.150</b> <b>6212.110</b> <b>6212.210</b>
	Open			2000	15.6	7024	-	-	<b>6212.150</b> <b>6212.110</b> <b>6212.210</b>
<b>Support section CP 120/60</b>									
	-	■	-	0.7	7035	-	<b>6212.640</b>	-	-
<b>Adaptor for support arm combination CP 120/60</b>									
	-	■	-	1.1	7035/7024	<b>6212.600</b>	-	-	<b>6212.600</b>
<b>Angle piece 90° CP 120</b>									
	■	-	-	4.4	7035/7024	-	-	<b>6212.620</b>	-
<b>Intermediate hinge CP 120</b>									
	■	-	-	3.8	7035	-	-	-	<b>6212.720</b>
	■	-	-	4.3	7035/7024	-	-	-	<b>6212.700</b>
<b>Top-mounted joint CP 120</b>									
	■	-	-	5.5	7035/7024	-	-	-	<b>6212.760</b>
	■	-	-	6.1	7035/7024	-	-	-	<b>6212.740</b>
<b>Wall-mounted hinge CP 120</b>									
	-	■	-	0.5	7035	-	-	-	<b>6212.820</b>
<b>Wall/base mounting bracket CP 120, small</b>									
	-	■	-	2.5	7035/7024	-	-	-	<b>6212.800</b>
<b>Wall/base mounting bracket CP 120, large</b>									
	-	■	-	0.1	7024	<b>6212.900</b>	<b>6212.900</b>	<b>6212.900</b>	<b>6212.900</b>
<b>Mounting component CP 120/180 for signal pillar</b>									
	<b>Tilting adaptor</b>								
For support arm connection Ø 130 mm and □ 120 x 65 mm, see page 11									
	<b>Accessories</b>								
Adaptor CP 120 to support arm, height-adjustable 6071.600									

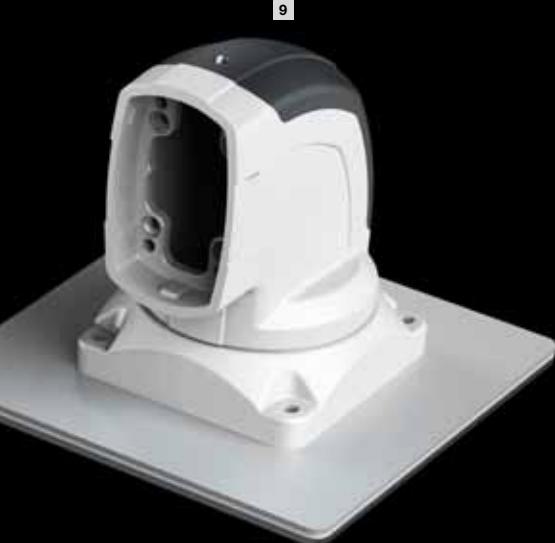
<sup>1)</sup> Weight information and diagrams for CP 60, see page 11



# Support arm system CP 180

## Component overview

- 1** Attachment CP 120 for support arm connection Ø 130 mm (6212.320)
- 2** Coupling CP 120 for support arm connection Ø 130 mm (6212.300)
- 3** Support section CP 180, solid (6218.050, 6218.100, 6218.200)
- 4** Support section CP 180, open (6218.150, 6218.110, 6218.210)
- 5** Adaptor for support arm combination CP 180/120 (6218.640)
- 6** Support section CP 120, solid (6212.025, 6212.050, 6212.100, 6212.200)
- 7** Angle piece 90° CP 180 (6218.600)
- 8** Intermediate hinge CP 120 (6218.620)
- 9** Top-mounted joint CP 180, horizontal outlet (6218.700)
- 10** Wall-mounted hinge CP 180, horizontal outlet (6218.740)
- 11** Wall/base mounting bracket CP 180, small (6218.820)
- 12** Mounting component CP 120/180 for signal pillar (6212.900)



# Support arm system CP 180



Operating housings with handle strips From page 21 **Comfort Panel** Page 23 **Optipanel** Page 23 **Compact Panel** Page 23

## Support section CP 180

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. Closed cable duct with a large cross-section. Open cable duct for easy servicing access and for pre-assembled cables with connectors; lockable via cover section.

X-shaped profiling for greater load capacity, large cable routing channels. Upper channel adequate for cables with large connectors (e.g. DVI or VGA) and available/usable throughout the entire system.

### Size:

- External dimensions:  
90 x 160 mm

### Material:

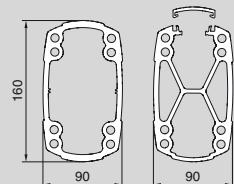
- Support section:  
Extruded aluminium section

### Colour:

- Support section: RAL 7035

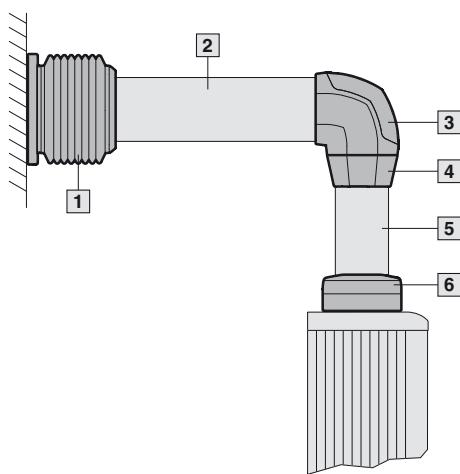
### Supply includes:

- Support section



**Technical details:**  
Available on the Internet

Combination with support arm system CP 120



- 1 Wall-mounted hinge CP 180, horizontal outlet (6218.740)
- 2 Support section CP 180, solid, 1000 mm (6218.100)
- 3 Angle piece 90° CP 180 (6218.600)
- 4 Adaptor for support arm combination CP 180/120 (6218.640)
- 5 Support section CP 120, solid, L = 500 mm (6212.050)
- 6 Coupling CP 120 for support arm connection Ø 130 mm (6212.300)

# Support arm system CP 180

	Rotating/tipping	Rigid	Length mm	Weight kg	Colour RAL	Enclosure section CP 180/120	Centre section CP 180	Wall section CP 180
	Model No.							
<b>Attachment CP 120 for support arm connection Ø 130 mm</b>								
	-	■	-	0.7	7035	<b>6212.320</b>	-	-
<b>Coupling CP 120 for support arm connection Ø 130 mm</b>								
	■	-	-	2.0	7035	<b>6212.300</b>	-	-
<b>Support section CP 180/120</b>								
	Solid	-	-	250	2.6	<b>6212.025</b>	CP 180	CP 180
		-	-	500	5.2	<b>6212.050</b>	<b>6218.050</b>	<b>6218.050</b>
		-	-	1000	10.5	<b>6212.100</b>	<b>6218.100</b>	<b>6218.100</b>
		-	-	2000	21	<b>6212.200</b>	<b>6218.200</b>	<b>6218.200</b>
	Open	-	-	500	5.8	<b>6212.150</b>	<b>6218.150</b>	<b>6218.150</b>
		-	-	1000	11.6	<b>6212.110</b>	<b>6218.110</b>	<b>6218.110</b>
		-	-	2000	23.2	<b>6212.210</b>	<b>6218.210</b>	<b>6218.210</b>
<b>Adaptor for support arm combination CP 180/120</b>								
	-	■	-	1.5	7035	<b>6218.640</b>	-	-
<b>Angle piece 90° CP 180</b>								
	-	■	-	3.6	7035/ 7024	<b>6218.600</b>	-	<b>6218.600</b>
<b>Intermediate hinge CP 180</b>								
	■	-	-	10.3	7035/ 7024	-	<b>6218.620</b>	-
<b>Top-mounted joint CP 180</b>								
	Horizontal outlet	■	-	-	18.0	7035/ 7024	-	-
<b>Wall-mounted hinge CP 180</b>								
	Horizontal outlet	■	-	-	13.0	7035/ 7024	-	-
<b>Wall/base mounting bracket CP 180, small</b>								
	-	■	-	5.0	7035	-	-	<b>6218.820</b>
<b>Mounting component CP 120/180 for signal pillar</b>								
	Only for CP 6218.600, CP 6218.700	-	■	-	0.1	7024	<b>6212.900</b>	-
								<b>6212.900</b>

<sup>1)</sup> Weight information and diagrams for CP 120, see page 15

# Operating housing with handle strips



## Uniform design and function

Modern design, adapted to support arm system CP 60/120/180



## Convenience in perfection

- Integral interior installation bracket with TS system punchings, to match TS system accessories
- Fast, safe, simple servicing access from the front or rear
- Lock with integral door runners for easy locking



## Built-in added value

- Support arm connection for one-person assembly
- Support arm connection Ø 130 mm, preformed off-centre in the reinforcement plate, easily drilled out



## Ergonomic design

- Design strip including handle function
- Aluminium front panel, easily dismantled for machining



# Operating housing with handle strips



**Support arm systems** From page 5

## Material:

- Enclosure and door: Sheet steel
- Handle strips: Aluminium
- Front panel: Aluminium
- Cover caps: Plastic

## Surface finish:

- Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint
- Handle strip: Natural anodised
- Front panel: Natural anodised

## Colour:

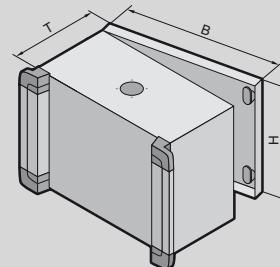
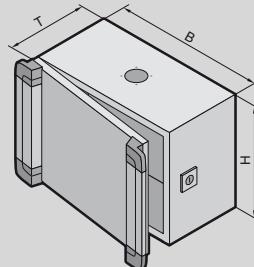
- Enclosure and door: RAL 7035
- Handle strip: Natural anodised
- Front panel: Natural anodised
- Cover caps: similar to RAL 7024

## Protection category IP to IEC 60 529:

- IP 55

## Supply includes:

- Enclosure with cut-out and reinforcement for support arm connection Ø 130 mm
- Front with maximum cut-out, covered with easily machinable 3 mm aluminium front panel
- Side handle strips and cover caps
- Cam lock with 3 mm double-bit insert
- Integral interior installation bracket with TS system punchings



## Note:

- The support arm connection and door hinge may be swapped over by rotating the enclosure
- Optional: Support arm connection Ø 130 mm, preformed off-centre in the reinforcement plate, easily drilled out
- Lock systems for servicing access from the front: 41 mm lock inserts, lock cylinder, plastic handles and T-handles, type C
- Lock systems for servicing access from the rear: 41 mm lock inserts, type A, lock cylinder, plastic handles and T-handles, type B

## Approvals:

- CSA

## Technical details:

Available on the Internet

<b>Width (B) mm</b>	P. of	300	300	380	380	380
<b>Height (H) mm</b>		200	300	300	380	380
<b>Depth (T) mm</b>		155	210	210	210	210
<b>Model No.</b>	1 pc(s.)	<b>6320.000</b>	<b>6315.100</b>	<b>6315.200</b>	<b>6315.300</b>	<b>6320.300</b>
Weight kg		4.5	7.0	7.5	9.8	9.8
Service access	from the rear	■	—	—	—	■
	from the front	—	■	■	■	—
<b>Accessories</b>						
TS punched section with mounting flange, 17 x 73 mm	4 pc(s.)	—	8612.130	8612.130	—	—
TS punched rail 18 x 38 mm		—	—	—	—	—
TS support strips	20 pc(s.)	—	—	—	4594.000	4594.000
Mounting bracket	4 pc(s.)	4597.000	4597.000	4597.000	4597.000	4597.000
	4 pc(s.)	6205.100	6205.100	6205.100	6205.100	6205.100
Mini-comfort handle	for lock inserts	1 pc(s.)	—	—	—	2537.010
	for semi-cylinder	1 pc(s.)	—	—	—	2537.000

# Operating housing with handle strips

<b>Width (B) mm</b>	P. of	500	500	600	600	600
<b>Height (H) mm</b>		500	500	380	600	600
<b>Depth (T) mm</b>		210	210	210	210	210
<b>Model No.</b>	1 pc(s.)	<b>6315.400</b>	<b>6320.400</b>	<b>6320.500</b>	<b>6315.600</b>	<b>6320.600</b>
Weight kg		16.8	16.8	15.4	22.8	22.8
Service access	from the rear	—	■	■	—	■
	from the front	■	—	—	■	—
<b>Accessories</b>						
TS punched section with mounting flange, 17 x 73 mm	4 pc(s.)	8612.150	8612.150	—	8612.160	8612.160
TS punched rail 18 x 38 mm	4 pc(s.)	8612.250	8612.250	—	8612.260	8612.260
TS support strips	20 pc(s.)	4695.000	4695.000	4594.000	4696.000	4696.000
Mounting bracket	4 pc(s.)	4597.000	4597.000	4597.000	4597.000	4597.000
	4 pc(s.)	6205.100	6205.100	6205.100	6205.100	6205.100
Mini-comfort handle	for lock inserts	1 pc(s.)	—	2537.010	2537.010	—
	for semi-cylinder	1 pc(s.)	—	2537.000	2537.000	—

## Other command panels

### Operating housing for desktop TFT up to 24"

#### Convenience in perfection

- Viewing window with single-pane safety glass
- TFT holder with VESA 75/100 locator, depth-adjustable
- Support arm connection Ø 130 mm, top or bottom by rotating the enclosure
- Servicing access from the rear
- Protection category IP 65



### Optipanel

#### Super-slimline design

- Aluminium enclosure, high thermal conductivity for optimum passive heat dissipation
- 7 standard sizes available off the shelf
- Servicing access from the rear
- 3 fixed installation depths
- Protection category IP 65



### Comfort Panel

#### Multi-talented all-rounder in design and function

- Aluminium enclosure, high thermal conductivity for optimum passive heat dissipation
- 9 standard sizes available off the shelf
- Servicing access from the front or rear
- All-round, uniform assembly concept
- Protection category IP 65



### Compact Panel

#### For small operating units

- 4 standard sizes available off the shelf
- Rear panel optionally hinged on the left or right
- For mounting either on support arm or via wall attachment vertically hinged directly on the machine
- Protection category IP 65



Further information on command panels may be found on the Internet at:  
[www.ittal.com](http://www.ittal.com)

# Operating housings with handle strips, conversion table

Old operating housings			
Dimensions mm			Model No.
Width	Height	Depth	

## Operating housings with servicing access from the front

Command panel housing with door			
300	200	180	<b>6534.000</b>
300	300	180	<b>6535.000</b>
300	400	180	<b>6537.000</b>
400	300	180	<b>6536.000</b>
400	400	180	<b>6538.000</b>
500	500	180	<b>6544.000</b>

Operating housing with display panel front			
380	380	249	<b>6442.500</b>
380	600	249	<b>6462.500</b>
500	500	249	<b>6552.500</b>
600	600	249	<b>6662.500</b>

## Operating housings with servicing access from the rear

Operating housing with handle strips			
300	200	155	<b>6540.200</b>
380	300	210	<b>6531.200</b>
380	380	210	<b>6530.200</b>
500	500	210	<b>6532.200</b>
600	380	210	<b>6533.200</b>

No previous articles available

New operating housings			
Dimensions mm			Model No.
Width	Height	Depth	

## Operating housings with servicing access from the front

Operating housing with handle strips			
Alternative 6320.000			
300	300	210	<b>6315.100</b>
Alternative 6315.300			
380	300	210	<b>6315.200</b>
380	380	210	<b>6315.300</b>
500	500	210	<b>6315.400</b>

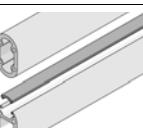
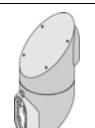
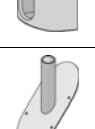
  

Operating housing with handle strips			
380	380	210	<b>6315.300</b>
No follow-up article available			
500	500	210	<b>6315.400</b>
600	600	210	<b>6315.600</b>

## Operating housings with servicing access from the rear

Operating housing with handle strips			
300	200	155	<b>6320.000</b>
Alternative 6320.300			
380	380	210	<b>6320.300</b>
500	500	210	<b>6320.400</b>
600	380	210	<b>6320.500</b>
600	600	210	<b>6320.600</b>

# Support arm system CP 60, conversion table

Support arm system CP-L (old system)	1	2	Model No.	Support arm system CP 60 (new system)	1	2	Model No.
<b>Tilting adaptor 10° CP-L</b>							
	Ø 130 mm	-	■ 6527.010		Ø 130 mm	-	■ 6206.400
	□ 120 x 65 mm		■ 6527.110		□ 120 x 65 mm		■ 6206.440
<b>Tilting adaptor +/-45° CP-L</b>							
	Ø 130 mm	■	- 6529.010		Ø 130 mm	■	- 6206.420
<b>Enclosure attachment, tilting, +100/-60°</b>							
		■	- 6902.670		□ 120 x 65 mm	■	- 6206.460
<b>Connection console CP-L</b>							
		-	■ 6508.020		□ 120 x 65 mm	-	■ 6206.480
<b>Enclosure attachment CP-L</b>							
	Ø 130 mm	-	■ 6525.510		Ø 130 mm	-	■ 6206.320
	□ 120 x 65 mm		■ 6525.610		□ 120 x 65 mm		■ 6206.360
<b>Housing coupling CP-L</b>							
	Ø 130 mm	■	- 6525.010		Ø 130 mm	■	- 6206.300
	□ 120 x 65 mm		■ 6525.110		□ 120 x 65 mm		■ 6206.340
<b>Angle coupling 90° CP-L</b>							
	Ø 130 mm	■	- 6526.010			■	- 6206.380
<b>Support section CP-L</b>							
	250	-	-	250	-	-	6206.025
Solid	500	-	-	500	-	-	6206.050
	1000	-	-	1000	-	-	6206.100
	2000	-	-	2000	-	-	6206.200
Open	1000	-	-	6513.050	Alternative CP 120, see page 15		
<b>Angle adaptor 90° CP-L to CP-S</b>							
		-	■ 6501.090			■	- 6206.640
<b>Angle piece 90° CP-L</b>							
		-	■ 6524.010			■	- 6206.600
<b>Intermediate hinge CP-L</b>							
		■	- 6523.010			■	- 6206.620
<b>Top-mounted joint CP-L</b>							
		■	- 6522.010		Horizontal outlet	■	- 6206.700
<b>Wall-mounted hinge CP-L</b>							
		■	- 6521.010		Horizontal outlet	■	- 6206.740
<b>Wall/base mounting bracket, small CP-L</b>							
		-	■ 6520.510			■	- 6206.820
<b>Wall/base mounting, large CP-L</b>							
		-	■ 6520.010			■	- 6206.800
<b>Mounting component for signal pillar</b>							
		-	■ 2375.000/ 2375.020			■	- 6206.900

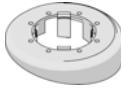
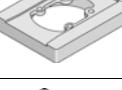
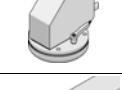
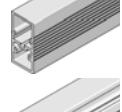
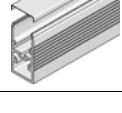
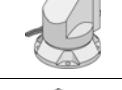
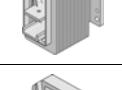
1 rotating/tilting 2 rigid

# Support arm system CP 120, conversion table

Support arm system CP-C (old system)	1	2	Model No.	Support arm system CP 120 (new system)	1	2	Model No.	
<b>Connection adaptor CP-L</b>				<b>Adaptor CP 120/60</b>				
	from support arm connection Ø 130 mm to □ 120 x 65 mm	-	■ 6071.000		from support arm connection Ø 130 mm to □ 120 x 65 mm	-	■ 6212.500	
<b>Enclosure attachment CP-C</b>				<b>Attachment CP 120</b>				
	Ø 130 mm	-	■ 6070.200		Ø 130 mm	-	■ 6212.320	
<b>Housing coupling CP-C</b>				<b>Coupling CP 120</b>				
	Ø 130 mm	■	-		Ø 130 mm	■	-	6212.300
<b>Angle coupling 90° CP-C</b>				<b>Angle coupling 90° CP 120</b>				
		■	-			■	-	6212.380
<b>Support section CP-C</b>				<b>Support section CP 120</b>				
	250	-	-		250	-	-	6074.000
Solid	500	-	-	Solid	500	-	-	6074.100
	1000	-	-		1000	-	-	6074.300
	2000	-	-		2000	-	-	6074.500
	500	-	-		500	-	-	6075.100
Open	1000	-	-	Open	1000	-	-	6075.300
	2000	-	-		2000	-	-	6075.500
<b>Adaptor CP-C to CP-L</b>				<b>Adaptor for support arm combination CP 120/60</b>				
		-	■ 6071.600			-	■ 6212.640	
<b>Angle piece 90° CP-C</b>				<b>Angle piece 90° CP 120</b>				
		-	■ 6071.400			-	■ 6212.600	
<b>Intermediate hinge CP-C</b>				<b>Intermediate hinge CP 120</b>				
		■	-			■	-	6071.800
<b>Top-mounted joint CP-C</b>				<b>Top-mounted joint CP 120</b>				
	Vertical outlet	■	-		Vertical outlet	■	-	6072.800
	Horizontal outlet	■	-		Horizontal outlet	■	-	6072.600
<b>Wall-mounted hinge CP-C</b>				<b>Wall-mounted hinge CP 120</b>				
	Vertical outlet	■	-		Vertical outlet	■	-	6072.400
	Horizontal outlet	■	-		Horizontal outlet	■	-	6072.500
<b>Wall/base mounting bracket, small CP-C</b>				<b>Wall/base mounting bracket CP 120, small</b>				
		-	■ 6072.200			-	■ 6212.820	
<b>Wall/base mounting bracket, large CP-C</b>				<b>Wall/base mounting bracket CP 120, large</b>				
		-	■ 6072.000			-	■ 6212.800	
<b>Mounting component for support arm system CP-C</b>				<b>Mounting component CP 120/180 for signal pillar</b>				
		-	■ 6073.000			-	■ 6212.900	

1 rotating/tilting 2 rigid

# Support arm system CP 180, conversion table

Support arm system CP-XL (old system)	1	2	Model No.	Support arm system CP 180 (new system)	1	2	Model No.		
<b>Connection adaptor CP-L to CP-XL</b>									
	Height 20 mm	-	■ 6528.010		Height 20 mm	-	■ 6212.520		
	Height 55 mm	-	■ 6528.510		No follow-up article available				
<b>Tilting adaptor 10° CP-XL</b>									
		-	■ 6023.010		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640				
<b>Enclosure attachment, round CP-XL</b>									
		-	■ 6130.610		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640				
<b>Enclosure attachment, rectangular CP-XL</b>									
		-	■ 6130.510		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640				
<b>Housing coupling CP-XL</b>									
	■	-	■ 6130.010		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640				
<b>Angle coupling 90° CP-XL</b>									
	■	-	■ 6040.010		Only with system replacement to support arm system CP 120 using adaptor CP 6218.640				
<b>Support section CP-XL</b>									
	Solid	500	-	■ 6050.500		500	-	■ 6218.050	
		1000	-	■ 6100.500		1000	-	■ 6218.100	
		2000	-	■ 6200.500		2000	-	■ 6218.200	
	Open	500	-	■ 6050.000		500	-	■ 6218.150	
		1000	-	■ 6100.000		1000	-	■ 6218.110	
		2000	-	■ 6200.000		2000	-	■ 6218.210	
No previous articles available.									
<b>Angle piece 90° CP-XL</b>									
	Outlet at bottom	-	-	■ 6140.010		-	■ 6218.640		
	Outlet at top	-	-	■ 6180.010					
<b>Intermediate hinge CP-XL</b>									
		■	-	■ 6120.010		-	■ 6218.600		
<b>Top-mounted joint CP-XL</b>									
		■	-	■ 6170.010		■	-	■ 6218.620	
<b>Wall-mounted hinge CP-XL</b>									
		■	-	■ 6110.010		Horizontal outlet	■	-	■ 6218.700
<b>Wall/base mounting bracket CP-XL</b>									
		-	■	■ 6160.010		Horizontal outlet	■	-	■ 6218.740
No previous articles available.									
<b>Mounting component CP 120/180 for signal pillar</b>									
		-	■			-	■	■ 6212.900	

1 rotating/tilting 2 rigid

# **Rittal – The System.**

**Faster – better – everywhere.**

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

RITTAL GmbH & Co. KG  
Postfach 1662 · D-35726 Herborn  
Phone +49(0)2772 505-0 · Fax +49(0)2772 505-2319  
E-mail: [info@ittal.de](mailto:info@ittal.de) · [www.ittal.com](http://www.ittal.com)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

