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Enclosures

Rittal – The System.

Faster – better – everywhere.



Product group		Small enclosures	Compact enclosures	Enclosure systems	
		Tough enough to take it all – there are practically no limits to the scope of applications for these especially robust small and compact enclosures. Electrical, electronic and pneumatic components are securely encapsulated with a high IK impact resistance.		Ingeniously simple, fully symmetrical, and patented worldwide – this is the successful formula which has established the VX25/ VX SE as a global standard.	
Material	Plastic	■	■	–	
	Aluminium	■	–	–	
	Sheet steel	■	■	■	
	Stainless steel	■	■	■	
Dimension variants		More than 145 small enclosures and 190 compact enclosures in a range of individual materials and designs.		Free-standing and bayed enclosures in more than 140 variants for controlgear production and plant manufacturing.	
Product characteristics		Exceptionally robust and with a high IP and IK protection class, Rittal small and compact enclosures are compliant with all major international approvals and standards.		Infinite installation opportunities, simple assembly, uncompromising baying and tested quality are the distinguishing features of these enclosure systems. QR codes on all machinable components.	
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	Console systems	PC enclosure systems	Industrial Workstations	Operating housings	Support arm systems	Stand systems	Hygienic Design
	Versatility through modularity – essential for meeting individual customer requirements for machine and plant operation perfectly and cost-effectively.			Always exactly the right position: Different viewing angles of the machine, tall or short operating staff – your ergonomic solution at the human/machine interface can be found here.			Hygienic Design (HD) enclosures are key elements in the design of open processes for the food industry and clean rooms, due to their ease of cleaning.
	–	–	–	–	–	–	–
	–	–	–	■	–	–	–
	■	■	■	■	■	■	–
	■	■	–	■	■	–	■
	Choose from console systems in over 30 combination variants, 8 PC enclosure systems and 13 variants of Industrial Workstations.			With over 30 operating housings, 5 support arm systems with a wide range of combination options and 8 stand systems, there is a solution for every requirement.			18 different enclosure types and sizes.
	Robust and modular, especially designed for tough industrial environments where a high protection category and good accessibility are key.			Flexibility, stability, simple assembly and tremendous versatility with product combinations mean that every requirement is catered for.			The range is based on common European standards, directives and regulations in the food and luxury goods industry.
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Small enclosures

Polycarbonate enclosures PK

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Cast aluminium enclosures GA

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Small enclosures KX

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Depth 155 mm	67

Bus enclosures KX

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Polycarbonate enclosures PK



PK accessories Page 47 System accessories Page 877 Cable gland, polyamide Page 1056

Applications:

- Ambient temperature range: -35 °C...+80 °C
- The specified temperatures may be limited by the installed equipment

Material:

- Enclosure: Fibreglass-reinforced polycarbonate
- Cover grey: Fibreglass-reinforced polycarbonate, all-round foamed-in PU seal
- Cover transparent: Polycarbonate, all-round foamed-in PU seal
- Cover screws: Polyamide
- Insulating bungs: Polyethylene

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

- Enclosure with cover
- Cover screws
- Insulating bungs for wall mounting screws

Approvals:

- UL
- cUL
- DNV-GL

without knockouts

Width mm		65	94	94	94	110	110	Page
Height mm		65	65	94	94	110	110	
Depth mm		57	57	57	81	66	90	
Model No.		9500.000	9502.000	9504.000	9505.000	9506.000	9507.000	
	Packs of	12 pc(s).	8 pc(s).	6 pc(s).	6 pc(s).	6 pc(s).	6 pc(s).	
Cover	grey	■	■	■	■	■	■	
Accessories								
Mounting plate		-	-	-	-	-	-	
Hinge		-	-	-	-	-	-	
Wall mounting bracket	40 pc(s).	9583.000	9583.000	9583.000	9583.000	9583.000	9583.000	47

without knockouts

Width mm		130	130	130	130	180	180	Page
Height mm		94	94	130	130	94	94	
Depth mm		57	81	75	99	57	81	
Model No.		9508.000	9509.000	9510.000	9511.000	9512.000	9513.000	
	Packs of	4 pc(s).	4 pc(s).	4 pc(s).	4 pc(s).	2 pc(s).	2 pc(s).	
Cover	grey	■	■	■	■	■	■	
Accessories								
Mounting plate		-	-	-	-	-	-	
Hinge		-	-	-	-	-	-	
Wall mounting bracket	40 pc(s).	9583.000	9583.000	9583.000	9583.000	9583.000	9583.000	47

Polycarbonate enclosures PK

without knockouts

Width mm	Packs of	180	180	180	180	180	180	Page
Height mm		110	110	110	110	110	110	
Depth mm		90	90	111	111	165	165	
Model No.	2 pc(s).	9514.000	9514.100	9515.000	9515.100	9516.000	9516.100	
Cover	grey	■	—	■	—	■	—	
	transparent	—	■	—	■	—	■	

Accessories

Mounting plate		—	—	—	—	—	—	
Hinge	20 pc(s).	9581.000	9581.000	9581.000	9581.000	9581.000	9581.000	47
Wall mounting bracket	40 pc(s).	9583.000	9583.000	9583.000	9583.000	9583.000	9583.000	47

without knockouts

Width mm	Packs of	182	182	182	182	182	182	Page
Height mm		180	180	180	180	180	180	
Depth mm		90	90	111	111	165	165	
Model No.	1 pc(s).	9517.000	9517.100	9518.000	9518.100	9519.000	9519.100	
Cover	grey	■	—	■	—	■	—	
	transparent	—	■	—	■	—	■	

Accessories

Mounting plate	10 pc(s).	9548.000	9548.000	9548.000	9548.000	9548.000	9548.000	47
Hinge	20 pc(s).	9581.000	9581.000	9581.000	9581.000	9581.000	9581.000	47
Wall mounting bracket	40 pc(s).	9583.000	9583.000	9583.000	9583.000	9583.000	9583.000	47

without knockouts

Width mm	Packs of	254	254	254	254	254	254	Page
Height mm		180	180	180	180	180	180	
Depth mm		90	90	111	111	165	165	
Model No.	1 pc(s).	9520.000	9520.100	9521.000	9521.100	9522.000	9522.100	
Cover	grey	■	—	■	—	■	—	
	transparent	—	■	—	■	—	■	

Accessories

Mounting plate	8 pc(s).	9549.000	9549.000	9549.000	9549.000	9549.000	9549.000	47
Hinge	20 pc(s).	9581.000	9581.000	9581.000	9581.000	9581.000	9581.000	47
Wall mounting bracket	40 pc(s).	9583.000	9583.000	9583.000	9583.000	9583.000	9583.000	47

without knockouts

Width mm	Packs of	360	360	360	360	Page
Height mm		254	254	254	254	
Depth mm		111	111	165	165	
Model No.	1 pc(s).	9523.000	9523.100	9524.000	9524.100	
Cover	grey	■	—	■	—	
	transparent	—	■	—	■	

Accessories

Mounting plate	4 pc(s).	9550.000	9550.000	9550.000	9550.000	47
Hinge	20 pc(s).	9581.000	9581.000	9581.000	9581.000	47
Wall mounting bracket	40 pc(s).	9583.000	9583.000	9583.000	9583.000	47

Polycarbonate enclosures PK



PK accessories Page 47 **System accessories** Page 877 **Cable gland, polyamide** Page 1056

Applications:

- Ambient temperature range: -35 °C...+80 °C
- The specified temperatures may be limited by the installed equipment

Material:

- Enclosure: Fibreglass-reinforced polycarbonate
- Cover: Fibreglass-reinforced polycarbonate, all-round foamed-in PU seal
- Cover screws: Polyamide
- Insulating bungs: Polyethylene

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

- Enclosure with cover
- Cover screws
- Insulating bungs for wall mounting screws

Approvals:

- UL
- cUL
- DNV-GL

with knockouts

Width mm			130	180	254	Page
Height mm			94	110	180	
Depth mm			57	90	111	
Model No.			9508.050	9514.050	9521.050	
		Packs of	4 pc(s).	2 pc(s).	1 pc(s).	
Cover	grey		■	■	■	
No. of metric knockouts			10 x M16/M20	16 x M20 2 x M20/M25 2 x M32/M40	24 x M20 4 x M25/M32 4 x M32/M40	
Accessories						
Mounting plate		8 pc(s).	–	–	9549.000	47
Wall mounting bracket		40 pc(s).	9583.000	9583.000	9583.000	47

Polycarbonate enclosures PK

Accessories

Mounting plate

for PK

For individual interior installation.

Material:

- 2.5 mm melamine phenol-coated laminated paper

Colour:

- RAL 7035

Supply includes:

- Mounting plate
- Self-tapping assembly screws

Mounting plate width mm	Mounting plate height mm	For enclosure width mm	For enclosure height mm	Packs of	Model No.
150	150	182	180	10 pc(s).	9548.000
220	150	254	180	8 pc(s).	9549.000
331	220	360	254	4 pc(s).	9550.000

Hinge

for PK

For hinged attachment of covers. The supplied drilling template ensures problem-free assembly.

Material:

- Polystyrene

Colour:

- Similar to RAL 7035

Supply includes:

- 20 hinges
- Assembly parts

For enclosure width mm	For enclosure height mm	Material	Packs of	Model No.
≥ 180	≥ 110	Polystyrene	20 pc(s).	9581.000

Wall mounting bracket

for PK

The enclosure can be screwed to the wall using four wall mounting brackets. The bracket is securely attached to the enclosure by means of pins.

Applications:

- For all PK enclosures

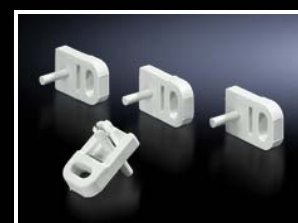
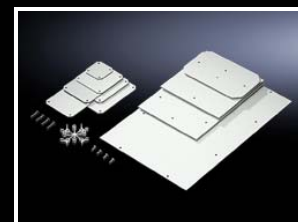
Material:

- Polyamide, grey

Colour:

- Similar to RAL 7035

Packs of	Model No.
40 pc(s).	9583.000



Cast aluminium enclosures GA



GA accessories Page 49 System accessories Page 877

Material:

- Enclosure: Cast aluminium
- Cover: Cast aluminium, all-round CR cellular rubber cord seal

Surface finish:

- Textured paint

Colour:

- RAL 7001

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4

Supply includes:

- Enclosure with cover
- Cover screws, captive
- Screws for attaching support rails
- Screw for connection of the PE conductor

Width mm		58	98	75	125	175	250	122	220	Page
Height mm		64	64	80	80	80	80	120	120	
Depth mm		36	36	58	58	58	58	82	93	
Model No.		9101.210	9102.210	9104.210	9105.210	9106.210	9107.210	9108.210	9110.210	
	Packs of	5 pc(s).	3 pc(s).	1 pc(s).	1 pc(s).	1 pc(s).	1 pc(s).	1 pc(s).	1 pc(s).	

Accessories

Mounting plate		–	–	–	9105.700	–	–	9108.700	9110.700	49
	Packs of	–	–	–	10 pc(s).	–	–	2 pc(s).	2 pc(s).	–
Wall mounting bracket	2 pc(s).	–	–	–	–	–	–	9121.122	9121.122	49
Support rail		see page	see page	see page	see page	see page	see page	see page	see page	997
Hinge, exterior	2 pc(s).	–	–	–	–	–	–	9123.000	9123.000	49
Earth straps		see page	see page	see page	see page	see page	see page	see page	see page	1033
Cable gland, brass		see page	see page	see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	see page	see page	1056

Width mm	Packs of	360	160	260	360	202	280	330	330	Page
Height mm		120	160	160	160	232	232	230	230	
Depth mm		84	93	93	93	113	113	113	183	
Model No.	1 pc(s).	9111.210	9112.210	9113.210	9114.210	9116.210	9117.210	9118.210	9119.210	

Accessories

Mounting plate		–	9112.700	9113.700	–	9116.700	9117.700	9118.700	9118.700	49
	Packs of	–	2 pc(s).	2 pc(s).	–	1 pc(s).	1 pc(s).	1 pc(s).	1 pc(s).	–
Wall mounting bracket	2 pc(s).	9121.122	9121.160	9121.160	9121.160	9121.230	9121.230	9121.230	9121.230	49
Support rail		see page	see page	see page	see page	see page	see page	see page	see page	997
Hinge, exterior	2 pc(s).	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	49
Earth straps		see page	see page	see page	see page	see page	see page	see page	see page	1033
Cable gland, brass		see page	see page	see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	see page	see page	1056

Cast aluminium enclosures GA

Accessories

Mounting plate

for GA

For universal interior installation, with mounting holes.

Material:

- Sheet steel

Surface finish:

- Zinc-plated

Mounting plate width mm	Mounting plate height mm	For enclosure width mm	For enclosure height mm	Packs of	Model No.
114	69	125	80	10 pc(s).	9105.700
109	107	122	120	2 pc(s).	9108.700
207	107	220	120	2 pc(s).	9110.700
145	142	160	160	2 pc(s).	9112.700
245	142	260	160	2 pc(s).	9113.700
183	214	202	232	1 pc(s).	9116.700
264	214	280	232	1 pc(s).	9117.700
314	214	330	230	1 pc(s).	9118.700

Wall mounting bracket

for GA

For external mounting on surfaces – no need to remove the cover if pre-assembled.

Material:

- Sheet steel

Surface finish:

- Zinc-plated

For enclosure height mm	Packs of	Model No.
120	2 pc(s).	9121.122
160	2 pc(s).	9121.160
≥ 230	2 pc(s).	9121.230

Hinge, exterior

for GA

For attaching the cover to the enclosure base.

Material:

- Die-cast aluminium

Colour:

- RAL 7001

Supply includes:

- 2 hinges
- 8 screws

For enclosure height mm	For enclosure depth mm	Packs of	Model No.
≥ 120	≥ 80	2 pc(s).	9123.000



Small enclosures KX – Product comparison



Terminal boxes KX, sheet steel		Terminal boxes KX, stainless steel	E-Box KX, sheet steel	
All enclosure panels may be taken directly from the packaging, without dismantling, and machined				
The support rails may optionally be fitted on the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure			The mounting plate is simply attached from the front and secured to the integral perforated mounting strip in a space-saving solution	
The wall mounting brackets are easily secured from the outside with a self-tapping screw	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out		The wall mounting brackets are easily secured from the outside with a self-tapping screw	
A QR code on the enclosure, door or cover and mounting plate allows seamless monitoring, from receipt of the incoming goods through to delivery of the finished product				
Earthing points accessible from the front facilitate fast, secure mounting of the earth straps				
The mini cam lock may be fitted without using tools, and ensures that the cover is securely seated and centred when latching			The 180° hinges are already prefitted on the door and ready to use, the cam locks may be attached without the use of tools, and the door is easily fitted	
The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	Stainless steel 1.4301 (AISI 304) complies with maximum hygiene and corrosion protection requirements		The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	
from page 56	from page 230		from page 64	

Small enclosures KX – Product comparison



	E-Box KX, stainless steel	Bus enclosures KX, sheet steel	Bus enclosures KX, stainless steel
	All enclosure panels may be taken directly from the packaging, without dismantling, and machined		
	The mounting plate is simply attached from the front and secured to the integral perforated mounting strip in a space-saving solution	The support rails may optionally be fitted on the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure	
	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out	The wall mounting brackets are easily secured from the outside with a self-tapping screw	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out
	A QR code on the enclosure, door or cover and mounting plate allows seamless monitoring, from receipt of the incoming goods through to delivery of the finished product		
	Earthing points accessible from the front facilitate fast, secure mounting of the earth straps		
	The 180° hinges are prefitted on the door/cover and ready to use, the cam locks may be attached without the use of tools, and the door/cover is easily fitted		
	Stainless steel 1.4301 (AISI 304) and stainless steel 1.4404 (AISI 316L), meets maximum hygiene and corrosion protection requirements	The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	Stainless steel 1.4301 (AISI 304) meets maximum hygiene and corrosion protection requirements
	from page 232	from page 70	from page 234

Small enclosures KX – Product overview



			Terminal boxes KX			
	Width mm	Height x depth mm	Model No.		Model No.	
		Material	Sheet steel	Sheet steel	Stainless steel	
		Version	Without gland plate	With gland plate	Without gland plate	
	150	150 x 80	1514.000	-	1560.000	
	200		1528.000	-	-	
	300		1515.000	-	1561.000	
	150	150 x 120	1500.000	-	1564.000	
	200		1529.000	-	-	
	300		1501.000	1530.000	-	
	400		1589.000	-	-	
	200	200 x 80	1516.000	-	1562.000	
	300		1517.000	-	1563.000	
	400		1518.000	-	-	
	200	200 x 120	1502.000	-	1565.000	
	300		1503.000	1531.000	1566.000	
	400		1504.000	1532.000	1568.000	
	500		1505.000	1533.000	-	
	600		1506.000	-	-	
	800		1527.000	-	-	
	400	200 x 155	-	-	-	
	150	300 x 80	-	-	-	
	200		-	-	-	
	150		-	-	-	
	200	300 x 120	-	-	-	
	300		1507.000	1535.000	1567.000	
	400		1508.000	1536.000	1569.000	
	500		1509.000	1537.000	-	
	600		1510.000	1538.000	-	
	200	300 x 155	-	-	-	
	300		-	-	-	
	380		-	-	-	
	400		-	-	-	
	600		-	-	-	
	800		-	-	-	
	200	400 x 80	-	-	-	
	200	400 x 120	-	-	-	
	300		-	-	-	
	400		1511.000	1539.000	-	
	600		1512.000	1540.000	-	
	800		1513.000	1541.000	-	
	300	400 x 155	-	-	-	
	200	500 x 120	-	-	-	
	300	600 x 155	-	-	-	
	300	800 x 155	-	-	-	
	from page		56	59	230	

Small enclosures KX – Product overview



		E-Box KX			Bus enclosures KX		
	Width mm	Model No.			Model No.		
		Sheet steel	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4404 (AISI 316L)	Sheet steel	Stainless steel	
		–	–	–	–	–	
	150	1551.000	–	–	–	–	
	200	–	–	–	–	–	
	300	–	–	–	–	–	
	150	1553.000	–	–	–	–	
	200	–	–	–	–	–	
	300	–	–	–	–	–	
	400	–	–	–	–	–	
	200	1546.000	–	–	–	–	
	300	–	–	–	–	–	
	400	–	–	–	–	–	
	200	1549.000	–	–	–	–	
	300	–	–	–	–	–	
	400	–	–	–	–	1585.000	
	500	–	–	–	–	–	
	600	–	–	–	–	1586.000	
	800	–	–	–	–	–	
	400	–	–	–	1610.000	–	
	150	1545.000	–	–	–	–	
	200	1552.000	–	–	–	1583.000	
	150	1548.000	–	–	–	–	
	200	1554.000	1584.000	–	–	–	
	300	1555.000	–	–	–	–	
	400	–	–	–	–	–	
	500	–	–	–	–	–	
	600	–	–	–	–	–	
	200	1574.000	1587.000	1301.000	–	–	
	300	1575.000	–	–	–	–	
	380	1576.000	1588.000	–	–	–	
	400	–	–	–	1611.000	–	
	600	–	–	–	1612.000	–	
	800	–	–	–	1613.000	–	
	200	1547.000	–	–	–	–	
	200	1550.000	–	–	–	–	
	300	1556.000	–	–	–	–	
	400	–	–	–	–	–	
	600	–	–	–	–	–	
	800	–	–	–	–	–	
	300	1577.000	–	–	–	–	
	200	1557.000	–	–	–	–	
	300	1578.000	–	–	–	–	
	300	1579.000	–	–	–	–	
		64	232	232	70	234	

Terminal boxes KX – Added precision



Precision

- The mini cam lock is very simple to operate. A quarter of a turn is sufficient to correctly centre the cover while locking; this ensures all-round air-tight positioning.



Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.



Space utilisation

- The support rails may optionally be fitted on the front of the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure.



Potential equalisation

- Installation of the gland plate includes automatic potential equalisation. Contact is made by two self-tapping screws guided through special holes.



Small enclosures KX



System accessories Page 877 **Terminal boxes KX, stainless steel** Page 230 **Ex enclosures** Page 257 **Hygienic Design** Page 217

Material:

- Enclosure: Sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and cover: Dipcoat primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

NEMA protection category:

- NEMA 4

Supply includes:

- Enclosure with cover
- Mini cam locks

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	150	200	200	300	300	400	Page
Height mm		150	150	200	150	200	200	
Depth mm		80	80	80	80	80	80	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1514.000	1528.000	1516.000	1515.000	1517.000	1518.000	
Weight kg		1.40	1.45	1.80	1.90	2.39	3.01	
Mini cam lock		4	4	4	4	4	4	

Accessories

Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1560.800	1575.800	1562.800	1561.800	1563.800	1564.800	970
Support rails TS 35/7.5	10 pc(s).	2314.000	2315.000	2315.000	2316.000	2316.000	2317.000	997
Support rails TS 35/15		–	–	–	–	–	–	
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2365.000	2365.000	2365.000	2365.000	2365.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.100	2565.100	2565.100	2565.100	2565.100	2565.100	1033
Baying kit		–	–	–	–	–	–	
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	150	200	200	300	300	Page
Height mm		150	150	200	150	200	
Depth mm		120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1500.000	1529.000	1502.000	1501.000	1503.000	
Weight kg		1.46	1.75	2.13	2.32	2.69	
Mini cam lock		4	4	4	4	4	

Accessories

Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1560.800	1575.800	1562.800	1561.800	1563.800	970
Support rails TS 35/7.5	10 pc(s).	2314.000	2315.000	2315.000	2316.000	2316.000	997
Support rails TS 35/15		–	–	–	–	–	
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	300	400	400	400	400	500	Page
Height mm		300	150	200	300	400	200	
Depth mm		120	120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1507.000	1589.000	1504.000	1508.000	1511.000	1505.000	
Weight kg		3.78	2.98	3.42	4.70	5.67	4.18	
Mini cam lock		4	4	4	4	4	4	

Accessories

Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1567.800	1576.800	1564.800	1568.800	1571.800	1565.800	970
Support rails TS 35/7.5	10 pc(s).	2316.000	2317.000	2317.000	2317.000	2317.000	–	997
Support rails TS 35/15	10 pc(s).	–	–	–	–	–	2318.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Small enclosures KX

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	500	600	600	600	800	800	Page
Height mm		300	200	300	400	200	400	
Depth mm		120	120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1509.000	1506.000	1510.000	1512.000	1527.000	1513.000	
Weight kg		5.57	4.92	6.28	8.35	6.45	11.00	
Mini cam lock		4	6	6	6	6	6	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1569.800	1566.800	1570.800	1572.800	1574.800	1573.800	970
Support rails TS 35/7.5		–	–	–	–	–	–	
Support rails TS 35/15	10 pc(s).	2318.000	2319.000	2319.000	2319.000	–	–	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Rittal – The System.



Perforex BC milling centre

see page 652



System accessories Page 877 **Terminal boxes KX, stainless steel** Page 230 **Ex enclosures** Page 257 **Hygienic Design** Page 217

Material:

- Enclosure: Sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and cover: Dipcoat primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

NEMA protection category:

- NEMA 12

Supply includes:

- Enclosure with cover
- Mini cam locks
- Sheet steel gland plates with seals and assembly parts

Approvals:

- UL
 - cUL
- Further approvals can be found on the Internet.

Terminal boxes KX, sheet steel, with gland plate

Width mm	Packs of	300	300	300	400	400	400	500	Page
Height mm		150	200	300	200	300	400	200	
Depth mm		120	120	120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1530.000	1531.000	1535.000	1532.000	1536.000	1539.000	1533.000	
Weight kg		2.62	3.12	4.47	3.82	5.40	6.61	4.73	
Mini cam lock		4	4	4	4	4	4	4	
Gland plate (top + bottom), quantity		1 + 1	1 + 1	1 + 1	1 + 1	1 + 1	1 + 1	2 + 2	
Gland plate (left + right), quantity		–	–	1 + 1	–	1 + 1	1 + 1	–	
Accessories									
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1561.800	1563.800	1567.800	1564.800	1568.800	1571.800	1565.800	970
Support rails TS 35/7.5	10 pc(s).	2316.000	2316.000	2316.000	2317.000	2317.000	2317.000	–	997
Support rails TS 35/15		–	–	–	–	–	–	–	
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Metal gland plates	1 pc(s).	1581.200	1581.200	1581.200	1581.200	1581.200	1581.200	1581.200	1054
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Small enclosures KX

Terminal boxes KX, sheet steel, with gland plate

Width mm	Packs of	500	600	600	800	Page
Height mm		300	300	400	400	
Depth mm		120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1537.000	1538.000	1540.000	1541.000	
Weight kg		6.01	7.02	9.32	11.10	
Mini cam lock		4	6	6	6	
Gland plate (top + bottom), quantity		2 + 2	2 + 2	2 + 2	3 + 3	
Gland plate (left + right), quantity		1 + 1	1 + 1	1 + 1	1 + 1	
Accessories						
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1569.800	1570.800	1572.800	1573.800	970
Support rails TS 35/7.5		–	–	–	–	
Support rails TS 35/15	10 pc(s).	2318.000	2319.000	2319.000	–	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	951
Metal gland plates	1 pc(s).	1581.200	1581.200	1581.200	1581.200	1054
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	1047



Rittal – The System.

Wall mounting bracket

see page 966

UL conformity

Guaranteed when Rittal accessory components are used



E-Box KX – Added time savings



Protection

- The deliberately slimline enclosure edge fold provides broad, secure contact with the seamless PU foam seal and helps preserve the protection category of IP 66.

Space

- The 180° door hinges create more space and improve access to the enclosure interior.

Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.

Speed

- The mounting plate and door may be taken straight from the packet and are ready for processing.



Small enclosures KX



System accessories Page 877 **E-Box KX, stainless steel** Page 232 **Ex enclosures** Page 257

Material:

- Enclosure: Sheet steel
- Door: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Zinc-plated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4

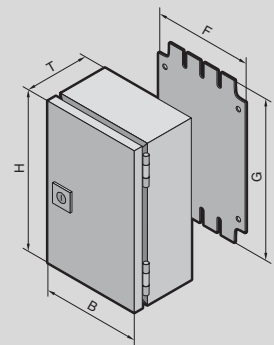
Supply includes:

- Enclosure with door
- Mounting plate
- Cam lock with 3 mm double-bit insert

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.



E-Box KX, sheet steel, depth 80 mm

Width (B) mm	Packs of	150	150	200	200	200	Page
Height (H) mm		150	300	200	300	400	
Depth (T) mm		80	80	80	80	80	
Mounting plate width (F) mm		125	125	175	175	175	
Mounting plate height (G) mm		135	285	185	285	385	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	
Material thickness – door mm		1.25	1.25	1.25	1.25	1.25	
Material thickness – mounting plate mm		2.0	2.0	2.0	2.0	2.0	
Model No.	1 pc(s).	1551.000	1545.000	1546.000	1552.000	1547.000	
Weight kg		1.49	2.54	2.26	3.18	4.15	
Accessories							
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2315.000	2315.000	2315.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2365.000	2365.000	2365.000	2365.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.100	2565.100	2565.100	2565.100	2565.100	1033
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Rittal – The System.



Mini-comfort handle AX

see page 940

Small enclosures KX

E-Box KX, sheet steel, depth 120 mm

Width (B) mm	Packs of	150	150	200	200	200	200	300	300	Page
Height (H) mm		150	300	200	300	400	500	300	400	
Depth (T) mm		120	120	120	120	120	120	120	120	
Mounting plate width (F) mm		125	125	175	175	175	175	275	275	
Mounting plate height (G) mm		135	285	185	285	385	485	285	385	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – door mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – mounting plate mm		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Model No.	1 pc(s).	1553.000	1548.000	1549.000	1554.000	1550.000	1557.000	1555.000	1556.000	
Weight kg		1.72	2.93	2.64	3.63	4.62	5.57	5.14	6.38	
Accessories										
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2315.000	2315.000	2315.000	2315.000	2316.000	2316.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047



Rittal – The System.

Wall mounting bracket

see page 966

E-Box KX, sheet steel, depth 155 mm

Width (B) mm	Packs of	200	300	300	300	300	380	Page
Height (H) mm		300	300	400	600	800	300	
Depth (T) mm		155	155	155	155	155	155	
Mounting plate width (F) mm		175	275	275	275	275	365	
Mounting plate height (G) mm		285	285	385	585	785	275	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – door mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – mounting plate mm		2.0	2.0	2.0	2.0	2.0	2.0	
Model No.	1 pc(s).	1574.000	1575.000	1577.000	1578.000	1579.000	1576.000	
Weight kg		3.98	5.50	6.98	10.30	12.80	6.64	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2315.000	2316.000	2316.000	2316.000	2316.000	2317.000 ¹⁾	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

¹⁾ Must be cut to length accordingly

Rittal – The System.

Sealing frame, modular

see page 1048

Bus enclosures KX – Added clarity



Flexibility

- Depending on requirements, the enclosures may be fitted with support rails or mounting plates.
- The support rails may optionally be fitted on the front of the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure.

Precision

- The quick-release fastener is very simple to operate. A quarter of a turn is sufficient to correctly centre the cover while locking; this ensures all-round air-tight positioning.

Access

- The wide door opening angle of up to 180° gives you plenty of space to fit and replace modules quickly and easily. The large viewing window is convenient for continuously monitoring the components inside the enclosure.

Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.



Enclosures



Small enclosures KX



System accessories Page 877 **Bus enclosures KX, stainless steel** Page 234

Material:

- Enclosure: Sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal
- Viewing window: Polycarbonate, 4 mm

Surface finish:

- Enclosure and cover: Dipcoat-primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 65

Protection category NEMA:

- NEMA 12

Supply includes:

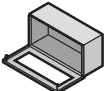
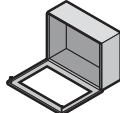
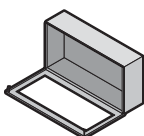
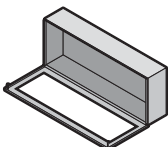
- Enclosure with hinged cover
- Viewing window in cover
- Mini cam lock

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

Bus enclosures KX, sheet steel

						
Width mm	Packs of	400	400	600	800	Page
Height mm		200	300	300	300	
Depth mm		155	155	155	155	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	
Material thickness – cover mm		1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1610.000	1611.000	1612.000	1613.000	
Weight kg		2.36	4.72	5.47	7.78	
Accessories						
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1564.800	1568.800	1570.800	1570.810	970
Support rails TS 35/7.5	10 pc(s).	2317.000	2317.000	2319.000	2317.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	998
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	900
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	916
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	1033
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	1047

Rittal Configuration System

Plausibility-checked configuration of products and accessories, see page 272



Configure online at
www.rittal.com/configurators

Rittal – The System.

Faster – better – everywhere.





Compact enclosures



Compact enclosures AX

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Basic enclosures AX	84

Plastic enclosures AX

Product comparison	74
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Compact enclosures AX – Product comparison



Basic enclosure AX, single-door, sheet steel	Basic enclosure AX, single door, stainless steel	Basic enclosure AX, two-door, sheet steel	
All enclosure panels may be taken directly from the packaging, without dismantling, and machined			
Interior installation on a 25 mm pitch pattern; no machining required			
Wall mounting brackets are easily secured from the outside with a self-tapping screw while retaining the UL	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out	Wall mounting brackets are easily secured from the outside with a self-tapping screw while retaining the UL	
A QR code on the enclosure, door and mounting plate allows seamless monitoring, from receipt of the incoming goods through to delivery of the finished product			
Simple earthing, even retrospectively, using machined keyholes in the mounting plate, and in the case of sheet steel enclosures, in the perforated door strip			
For enclosures with a cam lock, the door and cam locks are rapidly fitted with no need for tools. For enclosures with 3-point locking system, the doors and locks are fully assembled. The locked door is easily relocated without machining the enclosure.			
Up to 33% larger gland plates support cable entry with ever-higher packing densities	The fully sealed base ensures a high protection category of up to IP 66	Up to 33% larger gland plates support cable entry with ever-higher packing densities	
The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	Stainless steel 1.4301 (AISI 304) and stainless steel 1.4404 (AISI 316L) meet maximum hygiene and corrosion protection requirements	The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	
from page 84	from page 236	from page 84	

Compact enclosures AX – Product comparison



	Basic enclosure AX, two-door, sheet steel	Plastic enclosure AX, without viewing window	Plastic enclosure AX, with viewing window
	All enclosure panels may be taken directly from the packaging, without dismantling, and machined	Fully preassembled enclosure	
	Interior installation on a 25 mm pitch pattern; no machining required	Numerous mounting lugs for direct mounting of punched sections and rails for interior installation on a 25 mm pitch pattern	
	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out	The wall mounting brackets are easily secured from the outside while retaining the UL	
	A QR code on the enclosure, door and mounting plate allows seamless monitoring, from receipt of the incoming goods through to delivery of the finished product		
	Simple earthing, even retrospectively, using machined keyholes in the mounting plate and perforated door strip	Simple earthing of the mounting plate, even retrospectively, using machined keyholes	
	The cam locks are rapidly fitted with no need for tools. For enclosures with a locking rod, the doors and locks are fully assembled.	The door hinge is easily swapped from right to left. The integral rain protection strip on the top and bottom of the door provides a double sealing level. The standard double-bit lock insert is easily exchanged for type A lock inserts.	
	The fully sealed base ensures a high protection category of up to IP 55	All-round cable entry is supported with the modular sealing frame and cable glands	
	Stainless steel 1.4301 (AISI 304) and stainless steel 1.4404 (AISI 316L) meet maximum hygiene and corrosion protection requirements	The enclosure is made from fibreglass-reinforced, UL-certified plastic with a high level of chemical and UV resistance, all-insulated and suitable for outdoor applications	
	from page 236	Page 94	Page 95

Compact enclosures AX – Product overview



				Basic enclosures AX			
Height x depth mm	Width mm	Doors	Lock system	Model No.	Model No.		
Material				Sheet steel	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4404 (AISI 316L)	
300 x 210	300	1	1/□	1033.000	1003.000	–	
	380	1	1/□	1031.000	1011.000	–	
350 x 150	250	–	–	–	–	–	
380 x 210	300	1	1/□	–	1005.000	1302.000	
	380	1	1/□	1380.000	1006.000	1303.000	
	600	1	1/□	1039.000	1009.000	–	
380 x 350	600	1	1/□	1339.000	–	–	
400 x 200	300	–	–	–	–	–	
	400	–	–	–	–	–	
400 x 210	300	1	1/□	1034.000	–	–	
500 x 210	400	1	2/□	1045.000	1015.000	–	
	500	1	2/□	1050.000	1007.000	–	
500 x 300	500	1	2/□	1350.000	1013.000	–	
600 x 200	400	–	–	–	–	–	
	600	–	–	–	–	–	
600 x 210	380	1	2/□	1038.000	1008.000	–	
	600	1	2/□	1060.000	1010.000	1304.000	
600 x 250	600	1	2/□	1054.000	–	–	
600 x 300	800	1	2/□	1055.000	–	–	
600 x 350	380	1	2/□	1338.000	–	–	
	600	1	2/□	1360.000	–	–	
700 x 250	500	1	2/□	1057.000	–	–	
760 x 210	600	1	2/□	1076.000	1012.000	–	
	760	1	2/□	1077.000	–	–	
	1000	2	2/□	1100.000	–	–	
760 x 300	760	1	2/□	1073.000	1014.000	–	
	1000	2	2/□	1130.000	–	–	
760 x 350	600	1	2/□	1376.000	–	–	
800 x 250	600	1	2/□	1058.000	–	–	
800 x 300	400	1	2/□	1037.000	–	–	
	600	–	–	–	–	–	
800 x 400	600	1	2/□	1059.000	–	–	
1000 x 250	600	1	2/□	1090.000	–	–	
1000 x 300	800	1	2/□	1180.000	1016.000	–	
	1000	2	2/□	1110.000	1018.000	–	
1000 x 400	600	1	2/□	1091.000	–	–	
	800	1	2/□	1181.000	–	–	
1200 x 300	600	1	■	1260.000	–	–	
	800	1	■	1280.000	1017.000	–	
	1000	2	■	1213.000	1019.000	1305.000	
1200 x 400	600	1	■	1261.000	–	–	
	800	1	■	1281.000	–	–	
	1000	2	■	1214.000	–	–	
	1200	2	■	1116.000	–	–	
1400 x 300	1000	2	■	1114.000	–	–	
1400 x 400	1000	2	■	1115.000	–	–	
from page				84	236	236	

□ Cam lock ■ 3-point locking system

Compact enclosures AX – Product overview



				Plastic enclosures AX, without viewing window	Plastic enclosures AX, with viewing window	
	Width mm	Doors	Lock system	Model No. Fibreglass-reinforced unsaturated polyester	Model No. Fibreglass-reinforced unsaturated polyester	
	300	–	–	–	–	
	380	–	–	–	–	
	250	1	1/□	1432.000	–	
	300	–	–	–	–	
	380	–	–	–	–	
	600	–	–	–	–	
	600	–	–	–	–	
	300	1	2/□	1434.000	–	
	400	1	2/□	1444.000	1448.000	
	300	–	–	–	–	
	400	–	–	–	–	
	500	–	–	–	–	
	500	1	2/□	1453.000	1454.000	
	400	1	2/□	1446.000	1449.000	
	600	1	2/□	1466.000	1467.000	
	380	–	–	–	–	
	600	–	–	–	–	
	600	–	–	–	–	
	800	–	–	–	–	
	380	–	–	–	–	
	600	–	–	–	–	
	500	–	–	–	–	
	600	–	–	–	–	
	760	–	–	–	–	
	1000	–	–	–	–	
	760	–	–	–	–	
	1000	–	–	–	–	
	600	–	–	–	–	
	600	–	–	–	–	
	400	–	–	–	–	
	600	1	2/□	1468.000	1469.000	
	600	–	–	–	–	
	600	–	–	–	–	
	800	1	3/□	1480.000	1479.000	
	1000	–	–	–	–	
	600	–	–	–	–	
	800	–	–	–	–	
	600	–	–	–	–	
	800	–	–	–	–	
	1000	–	–	–	–	
	600	–	–	–	–	
	800	–	–	–	–	
	1000	–	–	–	–	
	1200	–	–	–	–	
	1000	–	–	–	–	
	1000	–	–	–	–	
				94	95	

□ Cam lock ■ 3-point locking system

Compact enclosures AX – Added protection



Flexibility/stability

- The integrated locators in the enclosure support the use of an interior installation rail for time-saving, precise installation with Rittal punched sections with mounting flanges and accessories.
- The height-flexible, form-fit rail used in the continuous pattern of locators for interior installation increases stability, especially with dynamic loads.

Protection

- The deliberately slimline enclosure edge fold provides broad, secure contact with the seamless PU foam seal and helps preserve the protection category (up to IP 66) and protection class IK 10.

Potential equalisation

- Special drilled holes in the gland plate ensure automatic potential equalisation during screw-fastening, which saves time and materials as well as enhancing safety.

Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.



Enclosures



Compact enclosures AX – Added efficiency



Ease of installation/flexibility

- Tool-free installation of the doors saves extra time. Simply position the door, press down on the hinge pin, and it's done.
- The AX door hinge allows you to swap the hinge to the opposite side, even with two-door enclosures, without any machining of the enclosure. This allows simple, fast relocation of the lockable door while the space-saving door population translates into extra space gains.

Area extension

- The perforated door strip with U extrusion and system punchings on a flexible 25 mm pitch pattern allows fast, simple extension of the installation area. Because it is compatible with Rittal system accessories, no door machining is required.

Time savings/rapid assembly

- Cam locks are supplied loose to allow unobstructed machining of the door. No time-consuming dismantling work is required in advance.
- Lock installation is fast and tool-free. Simply insert, lock into place, and voilà!

The perfect fit

- The runner on the perforated door strip ensures that even heavily populated doors fit precisely and are compliant with the protection category.



Enclosures



Compact enclosures AX – Added system benefits



Reliable engineering

- A wide range of conversion and planning tools are available to Rittal customers to support them with the automated production process and when working with a virtual prototype:

- Configurators
- Parts list converters
- EPLAN Pro Panel
- 2D/3D CAD data
- ecl@ss Advanced
- Technical documentation
- Data for planners
- Assembly videos

Digitalization

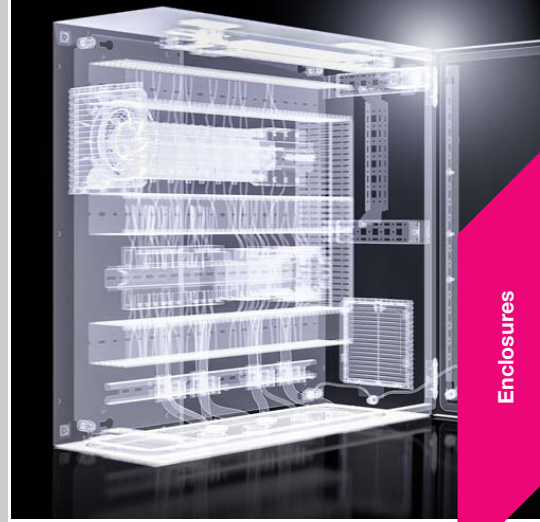
- The QR code on all machinable enclosure panels permits fully automated incorporation into the production workflow, for seamless digital monitoring from the incoming goods right through to the finished product.

Diverse industries

- The choice of sheet steel or stainless steel allows the AX to be used in any industry, at any location, in any climate, in any environment, and in a wide range of individual applications.

Time savings

- The process-optimised packaging concept means it can go straight into production, because all panels and cam locks are supplied unfitted, so no dismantling is required.



Enclosures



Compact enclosures AX



System accessories Page 877 **AX stainless steel** Page 236 **AX plastic** Page 92 **Hygienic Design** Page 217 **Outdoor housing** Page 958

Material:

- Enclosure: Sheet steel
- Door: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Zinc-plated

Colour:

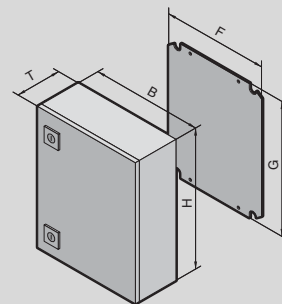
- RAL 7035

Supply includes:

- Enclosure with door(s)
 - Gland plate(s) in enclosure base
 - Mounting plate
 - Perforated door strip
 - Lock: 3 mm double-bit
- Please note the product-specific scope of supply.

Approvals:

- UL
 - cUL
- Further approvals can be found on the Internet.



Basic enclosure AX, sheet steel

Width (B) mm	Packs of	300	300	Page
Height (H) mm		300	400	
Depth (T) mm		210	210	
Mounting plate width (F) mm		250	250	
Mounting plate height (G) mm		275	375	
Material thickness – enclosure mm		1.25	1.25	
Material thickness – door mm		1.5	1.5	
Material thickness – mounting plate mm		2.0	2.0	
Model No.	1 pc(s).	1033.000	1034.000	
Weight kg		6.7	8.38	
Protection category IP to IEC 60 529		IP 66	IP 66	
Protection category NEMA		NEMA 4	NEMA 4	
Product-specific scope of supply				
Door(s)		1	1	
Door hinged on the right, may be swapped to the left		■	■	
Gland plate, size		1	1	
Gland plate, qty		1	1	
Cam lock		1	1	
Accessories				
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	967
Pole clamp	2 pc(s).	2584.100	2584.100	968
Plastic gland plate, modular	1 pc(s).	2561.200	2561.200	1050
Plastic gland plate with membranes	1 pc(s).	2561.300	2561.300	1052
Metal gland plate with knockouts	1 pc(s).	2571.100	2571.100	1053
Sealing frame, modular		see page	see page	1048
Rail for interior installation	4 pc(s).	2393.210	2393.210	989
Support strips, installation in the door		–	–	
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	–	8619.700	990
Punched section with mounting flange 14 x 39 mm, installation in the door		–	–	
LED system light		–	–	
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	940
Comfort handle AX for lock inserts or profile half-cylinders		–	–	
Comfort handle AX for padlock and lock inserts or profile half-cylinders		–	–	
Lock inserts		see page	see page	941, 942
Viewing window, depth 36 mm		–	–	
Viewing window, depth 62 mm		–	–	
Operating panel		–	–	
180° hinge	3 pc(s).	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable		–	–	
Plastic wiring plan pockets		see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm		–	–	
Base/plinth trim panels, sides, 100 mm		–	–	
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm		–	–	
Base/plinth trim panels, sides, 200 mm		–	–	
Eyebolts		–	–	
Protective roof	1 pc(s).	2361.010	2361.010	958
Dust guard trim	1 pc(s).	2426.500	2426.500	959
Earth straps		see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	916
Cable gland, brass		see page	see page	1056
Cable gland, polyamide		see page	see page	1056

Compact enclosures AX

Basic enclosure AX, sheet steel

Width (B) mm	Packs of	380	380	380	380	400	400	Page
Height (H) mm		300	380	600	600	500	800	
Depth (T) mm		210	210	210	350	210	300	
Mounting plate width (F) mm		330	330	330	330	350	345	
Mounting plate height (G) mm		275	355	575	575	475	775	
Material thickness – enclosure mm		1.25	1.25	1.25	1.5	1.25	1.5	
Material thickness – door mm		1.5	1.5	1.5	1.5	1.5	2.0	
Material thickness – mounting plate mm		2.0	2.0	2.5	2.5	2.0	2.5	
Model No.	1 pc(s).	1031.000	1380.000	1038.000	1338.000	1045.000	1037.000	
Weight kg		8.8	9.48	14.4	18.6	12.1	24.9	
Protection category IP to IEC 60 529		IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	
Protection category NEMA		NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	
Product-specific scope of supply								
Door(s)		1	1	1	1	1	1	
Door hinged on the right, may be swapped to the left		■	■	■	■	■	■	
Gland plate, size		2	2	2	5	2	5	
Gland plate, qty		1	1	1	1	1	1	
Cam lock		1	1	2	2	2	2	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Plastic gland plate, modular	1 pc(s).	2562.200	2562.200	2562.200	2565.200	2562.200	2565.200	1050
Plastic gland plate with membranes	1 pc(s).	2562.300	2562.300	2562.300	2565.300	2562.300	2565.300	1052
Metal gland plate with knockouts	1 pc(s).	2572.100	2572.100	2572.100	2575.100	2572.100	2575.100	1053
Sealing frame, modular		see page	see page	see page	see page	see page	see page	1048
Rail for interior installation	4 pc(s).	2393.210	2393.210	2393.210	2393.350	2393.210	2393.300	989
Support strips, installation in the door	20 pc(s).	4599.100	4599.100	4599.100	4599.100	4694.000	4694.000	952
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	–	–	–	–	8619.710	8619.730	990
Punched section with mounting flange 14 x 39 mm, installation in the door		–	–	–	–	–	–	
LED system light	1 pc(s).	–	–	–	–	2500.100	2500.100	1014
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Comfort handle AX for lock inserts or profile half-cylinders		–	–	–	–	–	–	
Comfort handle AX for padlock and lock inserts or profile half-cylinders		–	–	–	–	–	–	
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
Viewing window, depth 36 mm		–	–	–	–	–	–	
Viewing window, depth 62 mm		–	–	–	–	–	–	
Operating panel	1 pc(s).	2741.010	2742.010	2743.010	2743.010	–	–	931
180° hinge	3 pc(s).	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable	1 pc(s).	–	–	–	–	2515.200	2515.200	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm		–	–	–	–	–	–	
Base/plinth trim panels, sides, 100 mm		–	–	–	–	–	–	
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm		–	–	–	–	–	–	
Base/plinth trim panels, sides, 200 mm		–	–	–	–	–	–	
Eyebolts		–	–	–	–	–	–	
Protective roof	1 pc(s).	2472.010	2472.010	2472.010	–	–	–	958
Dust guard trim	1 pc(s).	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	959
Earth straps		see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass		see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	1056

Basic enclosure AX, sheet steel

Width (B) mm	Packs of	500	500	500	600	600	600	Page
Height (H) mm		500	500	700	380	380	600	
Depth (T) mm		210	300	250	210	350	210	
Mounting plate width (F) mm		450	450	450	550	550	550	
Mounting plate height (G) mm		475	475	675	355	355	575	
Material thickness – enclosure mm		1.25	1.5	1.5	1.25	1.5	1.5	
Material thickness – door mm		1.5	1.5	2.0	1.5	1.5	1.5	
Material thickness – mounting plate mm		2.5	2.5	2.5	2.5	2.5	2.5	
Model No.	1 pc(s).	1050.000	1350.000	1057.000	1039.000	1339.000	1060.000	
Weight kg		15.4	19.0	25.0	14.4	8.7	22.3	
Protection category IP to IEC 60 529		IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	
Protection category NEMA		NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	
Product-specific scope of supply								
Door(s)		1	1	1	1	1	1	
Door hinged on the right, may be swapped to the left		■	■	■	■	■	■	
Gland plate, size		3	6	3	4	7	4	
Gland plate, qty		1	1	1	1	1	1	
Cam lock		2	2	2	1	1	2	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Plastic gland plate, modular	1 pc(s).	2563.200	2566.200	2563.200	2564.200	2567.200	2564.200	1050
Plastic gland plate with membranes	1 pc(s).	2563.300	2566.300	2563.300	2564.300	2567.300	2564.300	1052
Metal gland plate with knockouts	1 pc(s).	2573.100	2576.100	2573.100	2574.100	2577.100	2574.100	1053
Sealing frame, modular		see page	see page	see page	see page	see page	see page	1048
Rail for interior installation	4 pc(s).	2393.210	2393.300	2393.250	2393.210	2393.350	2393.210	989
Support strips, installation in the door	20 pc(s).	4695.000	4695.000	4695.000	4696.000	4696.000	4696.000	952
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.710	8619.710	8619.760	–	–	8619.720	990
Punched section with mounting flange 14 x 39 mm, installation in the door		–	–	–	–	–	–	
LED system light	1 pc(s).	2500.100	2500.100	2500.100	2500.100	2500.100	2500.100	1014
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Comfort handle AX for lock inserts or profile half-cylinders		–	–	–	–	–	–	
Comfort handle AX for padlock and lock inserts or profile half-cylinders		–	–	–	–	–	–	
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
Viewing window, depth 36 mm	1 pc(s).	2733.010	2733.010	–	2730.010	2730.010	2731.010	930
Viewing window, depth 62 mm	1 pc(s).	2763.010	2763.010	–	2760.010	2760.010	2761.010	930
Operating panel	1 pc(s).	2745.010	2745.010	–	2744.010	–	2746.010	931
180° hinge	3 pc(s).	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable	1 pc(s).	2515.200	2515.200	2515.200	2515.300	2515.300	2515.300	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm		–	–	–	–	–	–	
Base/plinth trim panels, sides, 100 mm		–	–	–	–	–	–	
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm		–	–	–	–	–	–	
Base/plinth trim panels, sides, 200 mm		–	–	–	–	–	–	
Eyebolts		–	–	–	–	–	–	
Protective roof	1 pc(s).	2362.010	–	–	2473.010	–	2473.010	958
Dust guard trim	1 pc(s).	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	959
Earth straps		see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass		see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	1056

Compact enclosures AX

Basic enclosure AX, sheet steel

Width (B) mm	Packs of	600	600	600	600	600	600	Page
Height (H) mm		600	600	760	760	800	800	
Depth (T) mm		250	350	210	350	250	400	
Mounting plate width (F) mm		550	550	550	550	545	545	
Mounting plate height (G) mm		575	575	735	735	775	775	
Material thickness – enclosure mm		1.5	1.5	1.5	1.5	1.5	1.5	
Material thickness – door mm		1.5	1.5	2.0	2.0	2.0	2.0	
Material thickness – mounting plate mm		2.5	2.5	2.5	2.5	2.5	2.5	
Model No.	1 pc(s).	1054.000	1360.000	1076.000	1376.000	1058.000	1059.000	
Weight kg		23.4	26.3	29.5	34.0	32.0	40.0	
Protection category IP to IEC 60 529		IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	
Protection category NEMA		NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	
Product-specific scope of supply								
Door(s)		1	1	1	1	1	1	
Door hinged on the right, may be swapped to the left		■	■	■	■	■	■	
Gland plate, size		4	7	4	7	4	7	
Gland plate, qty		1	1	1	1	1	1	
Cam lock		2	2	2	2	2	2	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Plastic gland plate, modular	1 pc(s).	2564.200	2567.200	2564.200	2567.200	2564.200	2567.200	1050
Plastic gland plate with membranes	1 pc(s).	2564.300	2567.300	2564.300	2567.300	2564.300	2567.300	1052
Metal gland plate with knockouts	1 pc(s).	2574.100	2577.100	2574.100	2577.100	2574.100	2577.100	1053
Sealing frame, modular		see page	see page	see page	see page	see page	see page	1048
Rail for interior installation	4 pc(s).	2393.250	2393.350	2393.210	2393.350	2393.250	2393.400	989
Support strips, installation in the door	20 pc(s).	4696.000	4696.000	4696.000	4696.000	4696.000	4696.000	952
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.720	8619.720	8619.790	8619.790	8619.730	8619.730	990
Punched section with mounting flange 14 x 39 mm, installation in the door		–	–	–	–	–	–	
LED system light	1 pc(s).	2500.100	2500.100	2500.100	2500.100	2500.110	2500.110	1014
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Comfort handle AX for lock inserts or profile half-cylinders		–	–	–	–	–	–	
Comfort handle AX for padlock and lock inserts or profile half-cylinders		–	–	–	–	–	–	
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
Viewing window, depth 36 mm	1 pc(s).	2731.010	2731.010	2732.010	2732.010	–	–	930
Viewing window, depth 62 mm	1 pc(s).	2761.010	2761.010	2762.010	2762.010	–	–	930
Operating panel	1 pc(s).	2746.010	2746.010	–	–	–	–	931
180° hinge	3 pc(s).	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable	1 pc(s).	2515.300	2515.300	2515.300	2515.300	2515.300	2515.300	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	–	–	–	–	–	2820.061	888
Base/plinth trim panels, sides, 100 mm	2 pc(s).	–	–	–	–	–	2820.410	889
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	–	–	–	–	–	2820.062	888
Base/plinth trim panels, sides, 200 mm	2 pc(s).	–	–	–	–	–	2820.420	889
Eyebolts	2 pc(s).	–	–	–	–	–	2509.010	964
Protective roof	1 pc(s).	–	2476.010	2473.010	2476.010	–	–	958
Dust guard trim	1 pc(s).	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	959
Earth straps		see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass		see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	1056

Basic enclosure AX, sheet steel

Width (B) mm	Packs of	600	600	600	600	760	760	Page
Height (H) mm		1000	1000	1200	1200	760	760	
Depth (T) mm		250	400	300	400	210	300	
Mounting plate width (F) mm		545	545	545	545	705	705	
Mounting plate height (G) mm		975	975	1175	1175	735	735	
Material thickness – enclosure mm		1.5	1.5	1.5	1.5	1.5	1.5	
Material thickness – door mm		2.0	2.0	2.0	2.0	2.0	2.0	
Material thickness – mounting plate mm		2.5	2.5	2.5	2.5	2.5	2.5	
Model No.	1 pc(s).	1090.000	1091.000	1260.000	1261.000	1077.000	1073.000	
Weight kg		39.5	50.0	50.0	56.0	36.7	42.0	
Protection category IP to IEC 60 529		IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	
Protection category NEMA		NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	
Product-specific scope of supply								
Door(s)		1	1	1	1	1	1	
Door hinged on the right, may be swapped to the left		■	■	■	■	■	■	
Gland plate, size		4	7	7	7	2	5	
Gland plate, qty		1	1	1	1	2	2	
Cam lock		2	2	–	–	2	2	
3-point lock system		–	–	■	■	–	–	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	–	–	968
Plastic gland plate, modular	1 pc(s).	2564.200	2567.200	2567.200	2567.200	2562.200	2565.200	1050
Plastic gland plate with membranes	1 pc(s).	2564.300	2567.300	2567.300	2567.300	2562.300	2565.300	1052
Metal gland plate with knockouts	1 pc(s).	2574.100	2577.100	2577.100	2577.100	2572.100	2575.100	1053
Sealing frame, modular		see page	see page	see page	see page	see page	see page	1048
Rail for interior installation	4 pc(s).	2393.250	2393.400	2393.300	2393.400	2393.210	2393.300	989
Support strips, installation in the door	20 pc(s).	4696.000	4696.000	4596.000	4596.000	4599.200	4599.200	952
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.750	8619.750	8619.770	8619.770	8619.790	8619.790	990
Punched section with mounting flange 14 x 39 mm, installation in the door	4 pc(s).	–	–	8619.720	8619.720	–	–	952
LED system light	1 pc(s).	2500.110	2500.110	2500.110	2500.110	2500.110	2500.110	1014
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	–	–	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	–	–	2537.300	2537.300	940
Comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	–	–	2435.100	2435.100	–	–	939
Comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	–	–	2435.400	2435.400	–	–	939
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
Viewing window, depth 36 mm		–	–	–	–	–	–	
Viewing window, depth 62 mm		–	–	–	–	–	–	
Operating panel		–	–	–	–	–	–	
180° hinge	3 pc(s).	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable	1 pc(s).	2515.300	2515.300	2515.300	2515.300	2515.400	2515.400	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	–	2820.061	2820.061	2820.061	–	–	888
Base/plinth trim panels, sides, 100 mm	2 pc(s).	–	2820.410	2820.310	2820.410	–	–	889
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	–	2820.062	2820.062	2820.062	–	–	888
Base/plinth trim panels, sides, 200 mm	2 pc(s).	–	2820.420	2820.320	2820.420	–	–	889
Eyebolts	2 pc(s).	–	2509.010	2509.010	2509.010	–	–	964
Protective roof	1 pc(s).	–	–	–	–	–	2474.010	958
Dust guard trim	1 pc(s).	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	959
Earth straps		see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass		see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	1056

Compact enclosures AX

Basic enclosure AX, sheet steel

Width (B) mm	Packs of	800	800	800	800	800	1000	Page
Height (H) mm		600	1000	1000	1200	1200	760	
Depth (T) mm		300	300	400	300	400	210	
Mounting plate width (F) mm		750	745	745	745	745	945	
Mounting plate height (G) mm		575	975	975	1175	1175	735	
Material thickness – enclosure mm		1.5	1.5	1.5	1.5	1.5	1.5	
Material thickness – door mm		2.0	2.0	2.0	2.0	2.0	2.0	
Material thickness – mounting plate mm		2.5	2.5	2.5	2.5	2.5	2.5	
Model No.	1 pc(s).	1055.000	1180.000	1181.000	1280.000	1281.000	1100.000	
Weight kg		34.2	52.0	59.5	63.5	69.0	49.0	
Protection category IP to IEC 60 529		IP 66	IP 66	IP 66	IP 66	IP 66	IP 55	
Protection category NEMA		NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 12	
Product-specific scope of supply								
Door(s)		1	1	1	1	1	2	
Door hinged on the right, may be swapped to the left		■	■	■	■	■	■	
Gland plate, size		5	5	5	5	5	3	
Gland plate, qty		2	2	2	2	2	2	
Cam lock		2	2	2	–	–	2	
3-point lock system		–	–	–	■	■	–	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Plastic gland plate, modular	1 pc(s).	2565.200	2565.200	2565.200	2565.200	2565.200	2562.200	1050
Plastic gland plate with membranes	1 pc(s).	2565.300	2565.300	2565.300	2565.300	2565.300	2563.300	1052
Metal gland plate with knockouts	1 pc(s).	2575.100	2575.100	2575.100	2575.100	2575.100	2573.100	1053
Sealing frame, modular		see page	see page	see page	see page	see page	see page	1048
Rail for interior installation	4 pc(s).	2393.300	2393.300	2393.400	2393.300	2393.400	2393.210	989
Support strips, installation in the door	20 pc(s).	4697.000	4697.000	4697.000	–	–	4695.000	952
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.720	8619.750	8619.750	8619.770	8619.770	8619.790	990
Punched section with mounting flange 14 x 39 mm, installation in the door ¹⁾	4 pc(s).	–	–	–	8619.730	8619.730	8619.710	952
LED system light	1 pc(s).	2500.110	2500.110	2500.110	2500.110	2500.110	2500.110	1014
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	–	–	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	–	–	2537.300	940
Comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	–	–	–	2435.100	2435.100	–	939
Comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	–	–	–	2435.400	2435.400	–	939
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
Viewing window, depth 36 mm		–	–	–	–	–	–	
Viewing window, depth 62 mm		–	–	–	–	–	–	
Operating panel		–	–	–	–	–	–	
180° hinge	3 pc(s).	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable	1 pc(s).	2515.400	2515.400	2515.400	2515.400	2515.400	2515.200	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	2820.081	2820.081	2820.081	2820.081	2820.081	–	888
Base/plinth trim panels, sides, 100 mm	2 pc(s).	2820.310	2820.310	2820.410	2820.310	2820.410	–	889
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	2820.082	2820.082	2820.082	2820.082	2820.082	–	888
Base/plinth trim panels, sides, 200 mm	2 pc(s).	2820.320	2820.320	2820.420	2820.320	2820.420	–	889
Eyebolts	2 pc(s).	–	2509.010	2509.010	2509.010	2509.010	–	964
Protective roof	1 pc(s).	2475.010	2475.010	–	2475.010	–	–	958
Dust guard trim	1 pc(s).	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	959
Earth straps		see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass		see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	1056

¹⁾ For two-door enclosures: Installation in the lockable door

Basic enclosure AX, sheet steel

Width (B) mm	Packs of	1000	1000	1000	1000	1000	1000	1200	Page
Height (H) mm		760	1000	1200	1200	1,400	1,400	1200	
Depth (T) mm		300	300	300	400	300	400	400	
Mounting plate width (F) mm		945	945	945	945	945	945	1145	
Mounting plate height (G) mm		735	975	1175	1175	1375	1375	1175	
Material thickness – enclosure mm		1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Material thickness – door mm		2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Material thickness – mounting plate mm		2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Model No.	1 pc(s).	1130.000	1110.000	1213.000	1214.000	1114.000	1115.000	1116.000	
Weight kg		52.0	63.0	81.0	85.7	88.5	100.0	101.0	
Protection category IP to IEC 60 529		IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	
Protection category NEMA		NEMA 12	NEMA 12	NEMA 12	NEMA 12	NEMA 12	NEMA 12	NEMA 12	
Product-specific scope of supply									
Door(s)		2	2	2	2	2	2	2	
Door hinged on the right, may be swapped to the left		■	■	■	■	■	■	■	
Gland plate, size		6	6	6	6	6	6	7	
Gland plate, qty		2	2	2	2	2	2	2	
Cam lock		2	2	–	–	–	–	–	
3-point lock system		–	–	■	■	■	■	■	
Accessories									
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 20 mm	4 pc(s).	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	2508.020	966
Wall mounting bracket, for AX sheet steel, KX sheet steel, wall distance 40 mm	4 pc(s).	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	2503.020	966
Wall angle	4 pc(s).	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	2505.510	967
Pole clamp		–	–	–	–	–	–	–	
Plastic gland plate, modular	1 pc(s).	2566.200	2566.200	2566.200	2566.200	2566.200	2566.200	2567.200	1050
Plastic gland plate with membranes	1 pc(s).	2566.300	2566.300	2566.300	2566.300	2566.300	2566.300	2567.300	1052
Metal gland plate with knockouts	1 pc(s).	2576.100	2576.100	2576.100	2576.100	2576.100	2576.100	2577.100	1053
Sealing frame, modular		see page	see page	see page	see page	see page	see page	see page	1048
Rail for interior installation	4 pc(s).	2393.300	2393.300	2393.300	2393.300	2393.300	2393.400	2393.400	989
Support strips, installation in the door	20 pc(s).	4695.000	4695.000	–	–	–	–	–	952
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.790	8619.750	8619.770	8619.770	8619.780	8619.780	8619.770	990
Punched section with mounting flange 14 x 39 mm, installation in the door ¹⁾	4 pc(s).	8619.710	8619.710	8619.710	8619.710	8619.710	8619.710	8619.720	952
LED system light	1 pc(s).	2500.110	2500.110	2500.110	2500.110	2500.110	2500.110	2500.110	1014
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	–	–	–	–	–	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	–	–	–	–	–	940
Comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	–	–	2435.100	2435.100	2435.100	2435.100	2435.100	939
Comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	–	–	2435.400	2435.400	2435.400	2435.400	2435.400	939
Lock inserts		see page	see page	see page	see page	see page	see page	see page	941, 942
Viewing window, depth 36 mm		–	–	–	–	–	–	–	
Viewing window, depth 62 mm		–	–	–	–	–	–	–	
Operating panel		–	–	–	–	–	–	–	
180° hinge	3 pc(s).	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	2449.010	951
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable	1 pc(s).	2515.200	2515.200	2515.200	2515.200	2515.200	2515.200	2515.300	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	see page	955
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	2820.101	2820.101	2820.101	2820.101	2820.101	2820.101	2820.121	888
Base/plinth trim panels, sides, 100 mm	2 pc(s).	2820.310	2820.310	2820.310	2820.410	2820.310	2820.410	2820.410	889
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	2820.102	2820.102	2820.102	2820.102	2820.102	2820.102	2820.122	888
Base/plinth trim panels, sides, 200 mm	2 pc(s).	2820.320	2820.320	2820.320	2820.420	2820.320	2820.420	2820.420	889
Eyebolts	2 pc(s).	–	2509.010	2509.010	2509.010	2509.010	2509.010	2509.010	964
Protective roof	1 pc(s).	2363.010	2363.010	2363.010	–	2363.010	–	–	958
Dust guard trim	1 pc(s).	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	2426.500	959
Earth straps		see page	see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass		see page	see page	see page	see page	see page	see page	see page	1056
Cable gland, polyamide		see page	see page	see page	see page	see page	see page	see page	1056

¹⁾ For two-door enclosures: Installation in the lockable door

Plastic enclosures AX – Added durability





Enclosures

- 14 different enclosure variants, with or without viewing panel
- Symmetrical layout means the enclosure is easily rotated through 180°
- Double seal with an integral rain protection strip on the top and bottom edge of the door to protect the seal from dust and rainwater
- Fibreglass-reinforced plastic with a high level of UV resistance

Siting

- Wall mounting brackets are easily secured from the outside while retaining the UL approval
- The pole clamp may be screw-fastened directly into the external threaded inserts
- Ideally suited for outdoor applications

Mounting plate

- The mounting plate is easily screw-fastened onto the pre-assembled bolts from the front
- Simple earthing of the mounting plate, even retrospectively, using machined keyholes
- If no mounting plate is used, top hat rails may be mounted directly onto the available mounting bosses

Interior installation

- Numerous mounting bosses for individual interior installation
- Interior installation on a 25 mm pitch pattern with universal bracket for mounting punched sections and rails
- Direct door installation with support strips and punched sections with mounting flanges 14 x 39 mm, for use as an additional mounting surface
- Door-operated switches may be attached directly to the mounting bosses



Plastic enclosures AX



System accessories Page 877 Ex enclosures Page 257

Material:

- Enclosure and door: Fibre-glass-reinforced unsaturated polyester
- Fire protection corresponding to UL 94 V-0
- Door: All-round foamed-in PU seal
- Mounting plate: Sheet steel

Surface finish:

- Enclosure and door: Dyed plastic with no after-treatment
- Mounting plate: Zinc-plated

Colour:

- Similar to RAL 7035

Protection class:

- II at 1000 V AC

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

- Enclosure with hinged door, of all-round solid construction, 3 mm double-bit lock
- Door hinged on the right, may be swapped to the left
- Mounting plate
- Twin seal on the top and bottom edges of the door as integral rain protection strip

Please note the product-specific scope of supply.

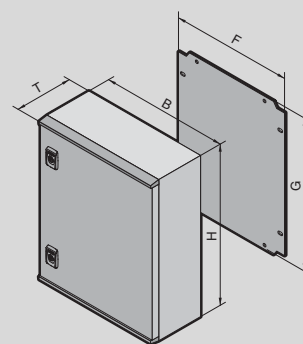
Note:

- Interior installation screws are required to secure components inside the enclosure
- Components such as punched sections with mounting flanges may be attached on a 25 mm pitch pattern using the universal bracket

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.



without viewing window

Width (B) mm	Packs of	250	300	400	400	500	600	600	800	Page
Height (H) mm		350	400	400	600	500	600	800	1000	
Depth (T) mm		150	200	200	200	300	200	300	300	
Mounting plate width (F) mm		155	205	305	305	405	505	505	705	
Mounting plate height (G) mm		275	325	325	525	425	525	725	925	
Mounting plate thickness mm		2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	
Model No.	1 pc(s).	1432.000	1434.000	1444.000	1446.000	1453.000	1466.000	1468.000	1480.000	
Weight kg		4.4	6.3	7.8	11.1	13.1	15.5	22.4	34.2	
Product-specific scope of supply										
Cam lock		1	2	2	2	2	2	2	3	
Accessories										
Wall mounting bracket	4 pc(s).	1485.400	1485.400	1485.400	1485.400	1485.400	1485.400	1485.400	1485.400	97
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	–	968
Universal bracket	4 pc(s).	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	97
Door stay	2 pc(s).	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	96
LED system light		–	–	2500.100	2500.100	2500.100	2500.100	2500.110	2500.110	1014
Mini-comfort handle AX	1 pc(s).	1485.600	1485.600	1485.600	1485.600	1485.600	1485.600	1485.600	1485.600	96
Cable gland		see page	see page	see page	see page	see page	see page	see page	see page	1056
Screw for interior installation	50 pc(s).	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	97
Wiring plan pocket	1 pc(s).	–	–	–	–	–	4116.500	4116.500	4116.500	955
Punched section with mounting flange 23 x 64 mm, installation in the height	4 pc(s).	–	8617.110	8617.110	8617.130	8617.120	8617.130	8617.140	8617.150	991
Punched section with mounting flange 23 x 64 mm, installation in the width		–	–	8617.110	8617.110	8617.120	8617.130	8617.130	8617.140	
Support strips, installation in the door	20 pc(s).	–	–	4594.000	4594.000	4309.000	4596.000	4596.000	4598.000	952
Punched section with mounting flange 14 x 39 mm, installation in the door	4 pc(s).	–	–	8619.700	8619.700	8619.710	8619.720	8619.720	8619.730	952



System accessories Page 877 Ex enclosures Page 257

Material:

- Enclosure and door: Fibre-glass-reinforced unsaturated polyester
- Fire protection corresponding to UL 94 V-0
- Door: All-round foamed-in PU seal
- Mounting plate: Sheet steel
- Viewing window: Polycarbonate

Surface finish:

- Enclosure and door: Dyed plastic with no after-treatment
- Mounting plate: Zinc-plated

Colour:

- Similar to RAL 7035

Protection class:

- II at 1000 V AC

Protection category IP to IEC 60 529:

- IP 56

Protection category NEMA:

- NEMA 12

Supply includes:

- Enclosure with hinged door with viewing window, of all-round solid construction, 3 mm double-bit lock
- Door hinged on the right, may be swapped to the left
- Mounting plate
- Twin seal on the top and bottom edges of the door as integral rain protection strip

Please note the product-specific scope of supply.

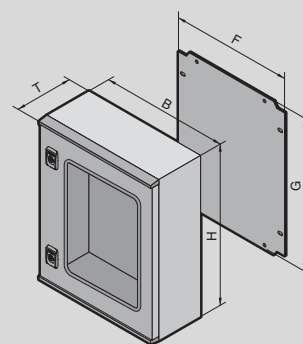
Note:

- Interior installation screws are required to secure components inside the enclosure
- Components such as punched sections with mounting flanges may be attached on a 25 mm pitch pattern using the universal bracket

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.



with viewing window

Width (B) mm	Packs of	400	400	500	600	600	800	Page
Height (H) mm		400	600	500	600	800	1000	
Depth (T) mm		200	200	300	200	300	300	
Mounting plate width (F) mm		305	305	405	505	505	705	
Mounting plate height (G) mm		325	525	425	525	725	925	
Mounting plate thickness mm		2.5	3.0	3.0	3.0	3.0	3.0	
Model No.	1 pc(s).	1448.000	1449.000	1454.000	1467.000	1469.000	1479.000	
Weight kg		7.7	10.9	12.9	15.2	21.9	33.2	
Product-specific scope of supply								
Cam lock		2	2	2	2	2	3	
Accessories								
Wall mounting bracket	4 pc(s).	1485.400	1485.400	1485.400	1485.400	1485.400	1485.400	97
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	–	968
Universal bracket	4 pc(s).	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	97
Door stay	2 pc(s).	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	96
LED system light		2500.100	2500.100	2500.100	2500.100	2500.110	2500.110	1014
Mini-comfort handle AX	1 pc(s).	1485.600	1485.600	1485.600	1485.600	1485.600	1485.600	96
Cable gland		see page	see page	see page	see page	see page	see page	1056
Screw for interior installation	50 pc(s).	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	97
Wiring plan pocket	1 pc(s).	–	–	–	4116.500	4116.500	4116.500	955
Punched section with mounting flange 23 x 64 mm, installation in the height	4 pc(s).	8617.110	8617.130	8617.120	8617.130	8617.140	8617.150	991
Punched section with mounting flange 23 x 64 mm, installation in the width		8617.110	8617.110	8617.120	8617.130	8617.130	8617.140	
Support strips, installation in the door	20 pc(s).	4594.000	4594.000	4309.000	4596.000	4596.000	4598.000	952
Punched section with mounting flange 14 x 39 mm, installation in the door	4 pc(s).	8619.700	8619.700	8619.710	8619.720	8619.720	8619.730	952

Plastic enclosures AX

Accessories



Mini-comfort handle AX

for AX plastic

The unlatched handle swivels to open the lock. Prepared for the installation of lock inserts or for the installation of standard commercially available 40 or 45 mm profile half-cylinders, as well as lock and push-button inserts.

Packs of	Model No.
1 pc(s).	1485.600
Lock inserts, type A	
7 mm square	2460.000
8 mm square	2461.000
7 mm triangular	2462.000
8 mm triangular	2463.000
Screwdriver	2464.000
Daimler insert	2465.000
3 mm double-bit	2466.000
Fiat	2307.000
6.5 mm triangular	2460.650
Lock and push-button inserts	
Lock insert, lock no. 3524 E ¹⁾	2467.000
Push-button insert	2468.000
Push-button and lock insert ¹⁾	2469.000 ²⁾
Profile half-cylinders	
To DIN 18 252 ³⁾	9785.040 ⁵⁾
	9785.042 ⁴⁾

¹⁾ With 2 keys

²⁾ Lock no. 2123; no other lock is possible

³⁾ With 3 keys for each lock insert

⁴⁾ Packs of two, simultaneous locking within the same pack, no simultaneous locking for different packs

⁵⁾ Lock-specific key



Door stay AX

for AX plastic and Ex enclosure, plastic

To secure the door in the open position. May be fitted without machining the enclosure.

Supply includes:

- Assembly parts

Installation options:

- Installation directly at the top/bottom right
- When swapping the door hinge to the opposite side, the prefitted door stay is easily removed and re-installed

Assembly	Packs of	Model No.
Top/bottom	2 pc(s).	1485.100

Plastic enclosures AX

Accessories

Wall mounting bracket

for AX plastic

For attachment to the wall, only possible from the outside of the enclosure.

Material:

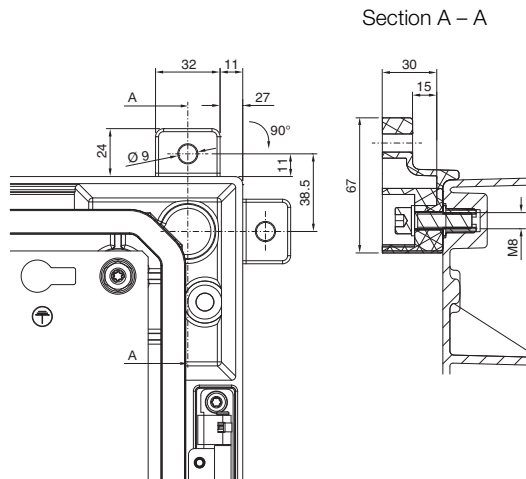
- Fibreglass-reinforced polyamide¹⁾

Supply includes:

- Assembly parts for mounting on the enclosure

Colour	Packs of	Model No.
RAL 7035	4 pc(s).	1485.400
RAL 9011	4 pc(s).	1485.500¹⁾

¹⁾ With graphite additive for Ex applications



Universal bracket

for AX plastic and Ex enclosure, plastic

For the interior installation on a 25 mm pitch pattern of

- Punched sections with mounting flanges
- Door rails
- Support strips

Material:

- Sheet steel, zinc-plated

Supply includes:

- Assembly parts

Packs of	Model No.
4 pc(s).	1485.200



Screw for interior installation

for AX plastic

For mounting accessories on the mounting bosses of the enclosure frame.

Drive: Multi-tooth 25

Dimensions: 5 x 14 mm

Type of screw	Packs of	Model No.
Pan head screw, self-tapping	50 pc(s).	1485.300



Rittal – The System.

Faster – better – everywhere.



Rack systems



Baying enclosure system VX25

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Free-standing enclosure system VX SE

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Two powerful models – one accessory range – one system

Free-standing enclosure system VX SE

For standalone enclosure applications up to 1800 mm wide



Baying enclosure system VX25

For individual bayed combinations – accessible from all sides



Baying enclosure system VX25 – Product comparison



		Basic enclosure		Basic enclosure with glazed door	Electronic enclosure	IP 66/NEMA 4	
Material	Sheet steel	■	–	■	■	■	
	Stainless steel	–	■	–	–	–	
Cladding	Door, front	■	■	–	–	■	
	Glazed door, front	–	–	■	–	–	
	Front frame	–	–	–	■	–	
	Front trim panels	–	–	–	–	–	
	Door, rear	–	–	■	■	–	
	Rear panel	■	■	–	–	■	
	Roof plate	■	■	■	■	■	
Interior installation	Mounting plate	■	■	–	■	■	
	Punched rails	■	■	–	–	■	
	Gland plate, solid	–	–	–	–	■	
	Gland plate, multi-piece	■	■	■	■	–	
	Locating frame for fuse-switch disconnectors	–	–	–	–	–	
	Adaptor section, 482.6 mm (19"), front	–	–	–	■	–	
Protection category	IP to IEC 60 529	IP 55	IP 55	IP 55	–	IP 66	
	NEMA	12	12	12	–	4	
from page		116	242	128	130	131	

Baying enclosure system VX25 – Product comparison



	IP 66/NEMA 4X	Distribution enclosure	Modular enclosure	Fuse-switch-disconnector enclosure	EMC enclosure
	–	■	■	■	■ ¹⁾
	■	–	–	–	–
	■	■	–	■	■
	–	–	–	–	–
	–	–	–	–	–
	–	–	–	■	–
	–	–	–	–	–
	■	■	■	■	■
	■	■	–	■	■
	■	–	–	–	■
	■	–	–	–	■
	■	–	–	–	–
	–	■	■	■	■
	–	–	–	■	–
	–	–	–	–	–
	IP 66	IP 55	Up to IP 54 ²⁾	Up to IP 3X ²⁾	IP 55
	4X	12	–	–	12
	246	135	132	134	136

¹⁾ Sheet steel with magnesium zinc coating ²⁾ Depending on the cladding

Baying enclosure system VX25 – Product overview



			Basic enclosure		Basic enclosure with glazed door ¹⁾	Electronic enclosure ²⁾	IP 66/NEMA 4	
Height x depth mm	Width mm	Doors	Model No.	Model No.	Model No.	Model No.	Model No.	
			Sheet steel	Stainless steel	Sheet steel	Sheet steel	Sheet steel	
1200 x 500	600	1	8615.000	-	-	-	-	
	800	1	8815.000	-	-	-	-	
	1200	2	8215.000	-	-	-	-	
1400 x 500	600	1	8645.000	-	-	-	-	
	800	1	8845.000	-	-	-	-	
	1200	2	8245.000	-	-	-	-	
1600 x 500	600	1	8665.000	-	-	-	-	
	800	1	8865.000	-	-	-	-	
	1200	2	8265.000	-	-	-	-	
1600 x 600	600	1	-	-	-	8410.000	-	
1600 x 800	600	1	-	-	-	8418.000	-	
1800 x 400	600	1	8684.000	-	-	-	-	
	800	1	8884.000	8454.000	-	-	-	
	1000	1	8084.000	-	-	-	-	
	1000	2	8080.000	-	-	-	-	
	1200	2	8284.000	8456.000	-	-	-	
1800 x 500	400	1	8485.000	-	-	-	-	
	600	1	8685.000	8457.000	-	-	-	
	800	1	8885.000	8455.000	-	-	-	
	800	2	8880.000	-	-	-	-	
	1200	2	8285.000	8453.000	-	-	-	
1800 x 600	400	1	8486.000	-	-	-	-	
	600	1	8686.000	-	-	-	-	
	800	1	8886.000	-	-	-	-	
	800	2	8881.000	-	-	-	-	
	1200	2	8286.000	-	-	-	-	
2000 x 400	400	1	-	-	-	-	-	
	600	1	8604.000	-	-	-	-	
	800	1	8804.000	-	-	-	-	
	850	1	-	-	-	-	-	
	1000	2	8004.000	-	-	-	-	
	1100	2	-	-	-	-	-	
2000 x 500	1200	2	8204.000	-	-	-	-	
	400	1	8405.000	-	-	-	-	
	600	1	8605.000	-	-	-	-	
	800	1	8805.000	-	-	-	-	
	1000	2	8005.000	-	-	-	-	
	1200	2	8205.000	-	-	-	-	
2000 x 600	400	1	8406.000	-	-	-	-	
	600	1	8606.000	8452.000	8840.120	8430.000	-	
	800	1	8806.000	8450.000	8840.100	-	8807.000	
	850	1	-	-	-	-	-	
	1000	2	8006.000	-	-	-	-	
	1100	2	-	-	-	-	-	
	1200	2	8206.000	8451.000	-	-	-	
2000 x 800	400	1	-	-	-	-	-	
	600	1	8608.000	-	8840.130	8438.000	-	
	800	1	8808.000	-	8840.110	-	-	
	1200	2	8208.000	-	-	-	-	
2200 x 600	400	1	-	-	-	-	-	
	600	1	8626.000	-	-	-	-	
	800	1	8826.000	-	-	-	-	
	1000	1	-	-	-	-	-	
2200 x 800	1200	2	8226.000	-	-	-	-	
	400	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
from page	1200	1	-	-	-	-	-	
			116	242	128	130	131	

¹⁾ Glazed door at the front, rear door ²⁾ Rear door

Baying enclosure system VX25 – Product overview



Enclosures

			IP 66/NEMA 4X	Distribution enclosure	Modular enclosure ³⁾	Fuse-switch-disconnector enclosure	EMC enclosure	
	Width mm	Doors	Model No.	Model No.	Model No.	Model No.	Model No.	
			Stainless steel	Sheet steel	Sheet steel	Sheet steel	Sheet steel ⁴⁾	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	600	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	1000	1	-	-	-	-	-	
	1000	2	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	800	2	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	800	2	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	850	1	-	9666.956	-	-	-	
	1000	2	-	-	-	-	-	
	1100	2	-	9666.966	-	-	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	-	-	-	
	600	1	-	-	-	-	-	
	800	1	-	-	-	-	-	
	1000	2	-	-	-	-	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	9680.406	-	-	
	600	1	-	-	9680.606	-	-	
	800	1	8458.000	-	9680.806	-	8807.010	
	850	1	-	9666.916	-	-	-	
	1000	1	-	-	-	9680.005	-	
	1100	2	-	9666.926	-	-	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	9680.408	-	-	
	600	1	-	-	9680.608	-	-	
	800	1	-	-	9680.808	-	8807.020	
	1200	1	-	-	-	9680.207	-	
	400	1	-	-	9680.426	-	-	
	600	1	-	-	9680.626	-	-	
	800	1	-	-	9680.826	-	-	
	1000	1	-	-	-	9680.025	-	
	1200	2	-	-	-	-	-	
	400	1	-	-	9680.428	-	-	
	600	1	-	-	9680.628	-	-	
	800	1	-	-	9680.828	-	-	
	1200	1	-	-	-	9680.227	-	
			246	135	132	134	136	

³⁾ Without door ⁴⁾ Sheet steel with magnesium zinc coating

Baying enclosure system VX25 – Added system benefits

System benefits – Rittal's standards (not to be taken for granted)
create additional cross-system benefits



Digitalization

- The QR code on all machinable enclosure panels permits fully automated incorporation into the production workflow, for seamless digital monitoring from the incoming goods right through to the finished product.

Material savings

- As standard, potential equalisation of the enclosure panels occurs during screw-fastening, which saves up to seven earth straps per enclosure and also improves work safety by eliminating sharp-edged protruding parts.

System

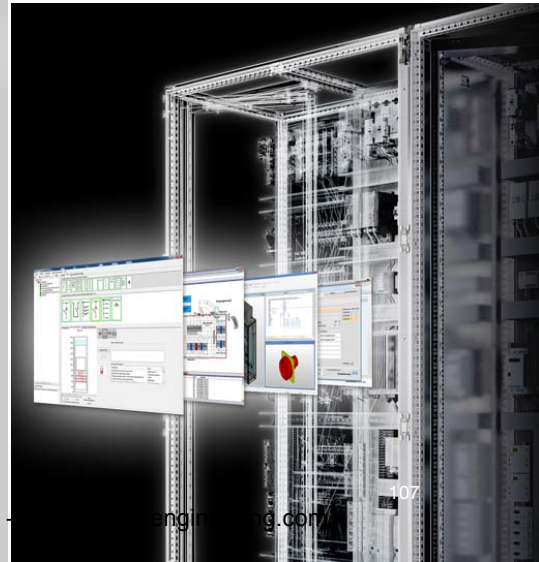
- Automatic potential equalisation of the roof, rear panel and sides acts as earthing when Rittal climate control devices and Rittal fan-and-filter units are installed.

Reliable engineering

- Rittal's customers are supported by a wealth of conversion and planning tools in the automated production process and when working with a virtual prototype:
 - Configurators
 - Parts list converters
 - EPLAN Pro Panel
 - 2D/3D CAD data
 - ecl@ss Advanced
 - Technical documentation
 - Data for planners
 - Assembly videos

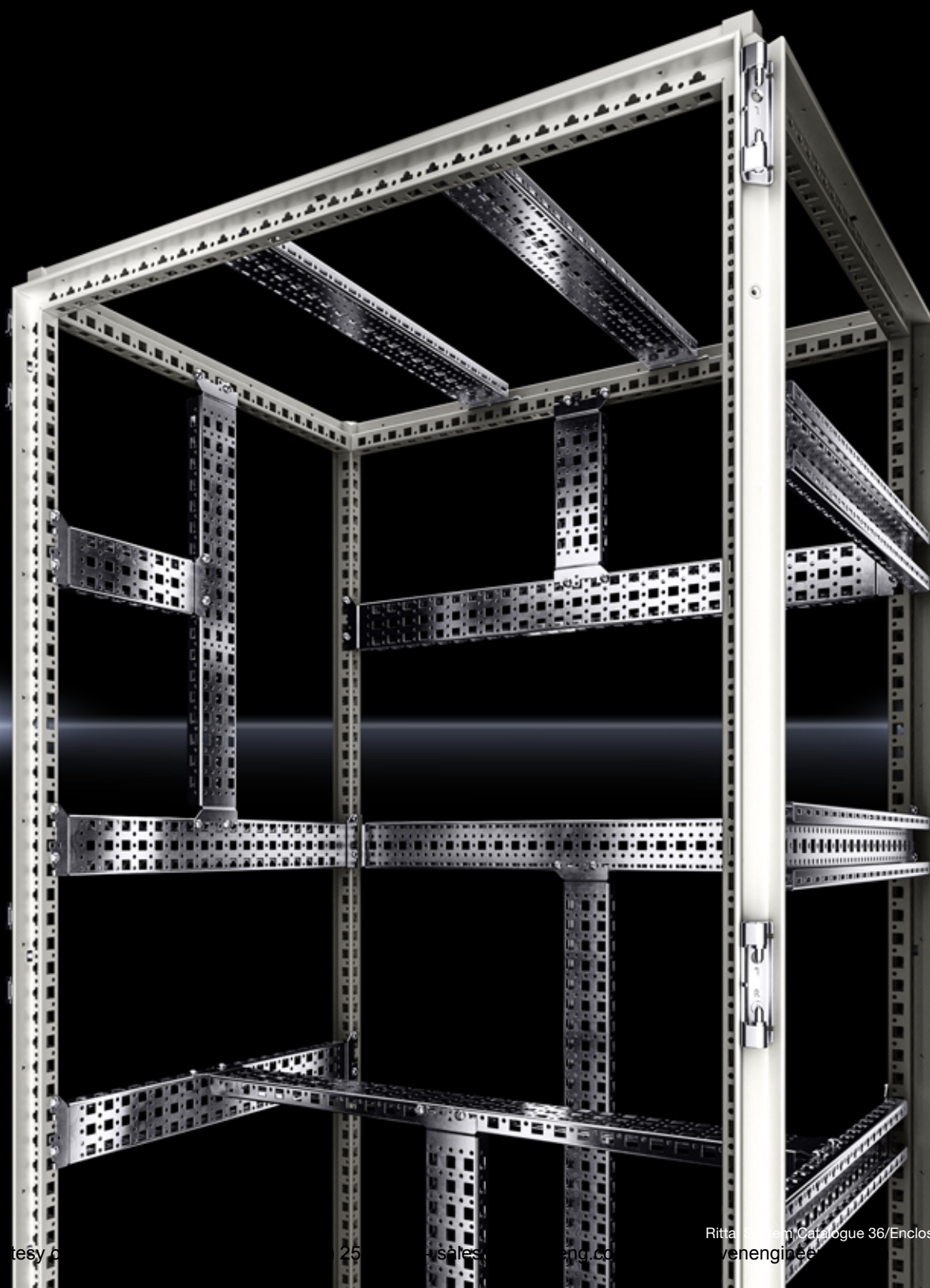


Enclosures



Baying enclosure system VX25 – Added system benefits

Frame and punched sections – Now with added assembly-friendliness plus efficient engineering thanks to a symmetrical frame section on a 25 mm pitch pattern across all levels, accessible from all sides.



Accessibility

- The system offers an outer mounting level in addition to the inner level, making the enclosure readily accessible and configurable from the outside.

Installation options

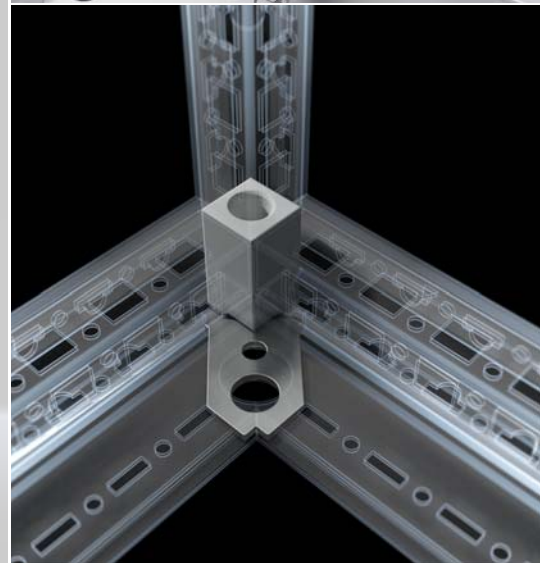
- The continuous pattern of square punchings supports the use of M5/M6/M8 cage nuts to create more mounting options at all profile levels.

Stability

- The corner piece with welded base frame makes it easier to secure to the floor and base and improves stability.
- The enclosure is secured to the base/plinth or subsurface either via the M12 thread in the corner piece or via the stable base structure.

Simple cable entry

- The blunt edges minimise the risk of cable damage when routing cables underneath the enclosure.
- The earthing points pre-labelled as standard provide quick guidance and help to speed up the work process.
- The double edge fold of the gland plates is resistant to bending even under heavy loads to ensure compliance with the high protection category.



Baying enclosure system VX25 – Added time savings

Doors and walls – More flexible, assembly-friendly and economical, thanks to an ingenious hinge system, a quick-fit and readily replaceable lock system, and the elimination of avoidable machining processes.



Making life easier

- The new hinge allows doors to be fitted and removed incredibly easily without any tools, and separately locking and unlocking the hinge bolts is a thing of the past.

Handling

- For one-man assembly, the positioning aid for the side and rear panels allows labour-saving pre-fixing for the ideal fit, which you can screw-fasten later on when you have both hands free.

Flexibility

- Because the hinges of the main and adjacent doors in two-door enclosures can be swapped to the opposite side if required, this creates greater flexibility when installing cooling units in the enclosure doors and helps to avoid collisions between equipment and doors.

Time savings

- The tool-free, readily exchangeable lock systems, e.g. on the comfort handle, reduce the amount of assembly time required.



Enclosures



Baying enclosure system VX25 – Added reductions in complexity

Baying – Complexity is further reduced thanks to a simplified, more consistent baying system for all applications.



Overview

- The baying connectors have been designed to cover every potential baying scenario in enclosure production with just a few baying solutions. This allows easier decision-making and relieves the pressure on engineering.

Location flexibility

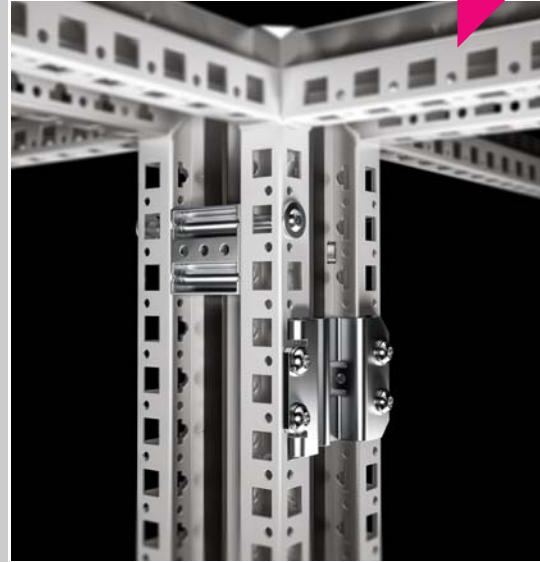
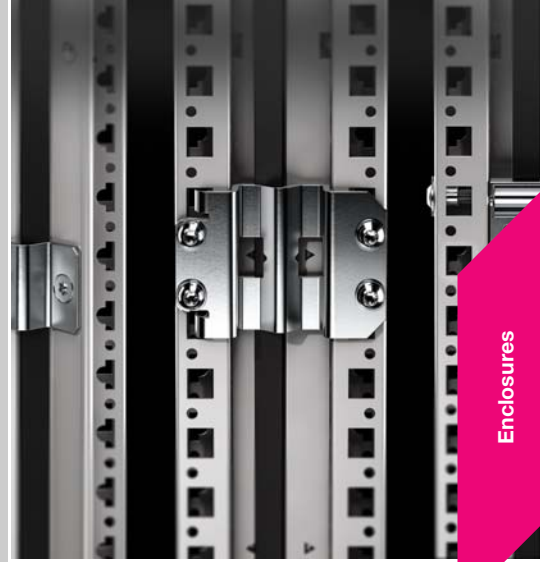
- The option of baying from all four sides allows an individual response to every space situation.

Clamping force

- The baying connectors are screwed into place in the direction of baying to bring the enclosures safely into position and are approved for transportation.

Sealing efficiency

- The seal, which can be inserted in a flash, allows precise positioning and can be removed at any time.



Baying enclosure system VX25 – Added assembly-friendliness

Mounting plate – More time gains, installation options and assembly-friendliness thanks to improved mounting kits, also suitable for dynamic loads.



Space gain

- The option of fitting the mounting plate 20 mm deeper in the enclosure with a special installation kit creates additional space in the enclosure depth.

Process efficiency

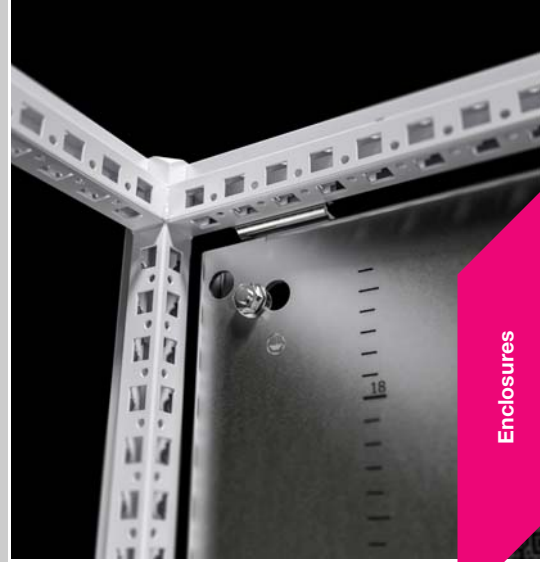
- The integral clip means that the mounting plate slide block can be dismantled with no need for tools and easily refitted. This helps to streamline the fully automated machining process in every respect.

Flexibility

- The system divider designed for installation in the enclosure depth divides wide enclosures into two halves, increasing the flexibility of interior installation.

Additional benefits

- The practical mounting plate slide rail can be removed once the mounting plate has been inserted and used elsewhere in the enclosure as a fully functional punched section.
- The grid print facilitates the simple, fast positioning of components on the mounting plate.



Baying enclosure system VX25



System accessories Page 877 **VX25 basic enclosure with glazed door** Page 128 **VX25 stainless steel** Page 242 **VX25 EMC-shielded** Page 136

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed
- Roof: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Gland plates: Sheet steel, 1.5 mm, zinc-plated, passivated
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

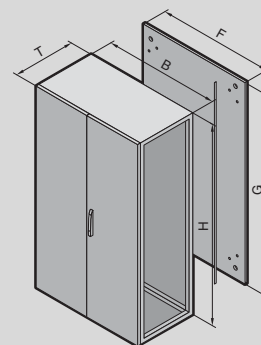
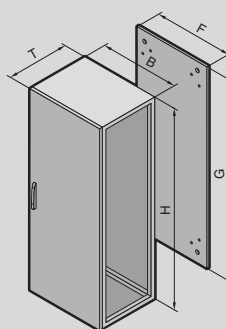
- NEMA 12

Supply includes:

- Enclosure frame
- Door(s) (r/h hinge, may be swapped to opposite side)
- Roof plate
- Rear panel
- Gland plates
- Mounting plate
- 2 punched rails 18 x 39 mm
- Lock: 3 mm double-bit

Approvals:

- UL
 - cUL
 - DNV-GL
 - Lloyds Register of Shipping
- Further approvals can be found on the Internet.



Baying enclosure system VX25

Basic enclosure, height 1200 mm, depth 500 mm

Width (B) mm	Packs of	600	800	1200	Page
Height (H) mm		1200	1200	1200	
Depth (T) mm		500	500	500	
Mounting plate width (F) mm		499	699	1099	
Mounting plate height (G) mm		1096	1096	1096	
Model No.	1 pc(s).	8615.000	8815.000	8215.000	
Weight kg		66.0	82.4	126.0	
Product-specific scope of supply					
Door(s)		1	1	2	
Accessories					
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.032	8640.032	8640.032	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.042	8640.042	8640.042	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8115.245	8115.245	8115.245	901
Divider panel		–	–	–	
Divider panel for module plates		–	–	–	
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	–	–	–	
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill		–	–	–	
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.020	8617.020	8617.020	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.120	8617.120	8617.120	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.710	8617.710	8617.710	993
Support strip for the enclosure depth	20 pc(s).	4695.000	4695.000	4695.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.830	996
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Cable entry plates		8619.800	8619.801	8619.803	1044
Cable entry grommets		Packs of	2 pc(s).	2 pc(s).	4 pc(s).
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000
	10 pc(s).	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		8618.800	8618.801	8618.803	1045
Section for cable entry, rear		Packs of	2 pc(s).	2 pc(s).	4 pc(s).
		8618.810	8618.811	8618.813	1045
Cable duct		see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 1400 mm, depth 500 mm

Width (B) mm		Packs of	600	800	1200	Page
Height (H) mm			1400	1400	1400	
Depth (T) mm			500	500	500	
Mounting plate width (F) mm			499	699	1099	
Mounting plate height (G) mm			1296	1296	1296	
Model No.		1 pc(s).	8645.000	8845.000	8245.000	
Weight kg			73.8	92.2	141.0	
Product-specific scope of supply						
Door(s)			1	1	2	
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm		2 pc(s).	8640.002	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm		2 pc(s).	8640.032	8640.032	8640.032	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm		2 pc(s).	8640.022	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm		2 pc(s).	8640.042	8640.042	8640.042	882
Levelling feet		4 pc(s).	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel		2 pc(s).	8145.245	8145.245	8145.245	901
Divider panel			–	–	–	
Divider panel for module plates			–	–	–	
Baying bracket, internal		6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal		6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external		6 pc(s).	8617.502	8617.502	8617.502	912
Glazed door			–	–	–	
Comfort handle VX for lock inserts		1 pc(s).	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock		1 pc(s).	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders		1 pc(s).	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1		1 pc(s).	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system		1 pc(s).	8618.270	8618.270	8618.270	937
Lock inserts			see page	see page	see page	941, 942
180° hinges		4 pc(s).	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame		4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm		1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm		1 pc(s).	4116.000	4118.000	4116.000	955
Door stay		1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes		1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller		10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill			–	–	–	
Punched section with mounting flange 18 x 64 mm for the outer level, in the width		4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth		4 pc(s).	8617.020	8617.020	8617.020	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width		4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth		4 pc(s).	8617.120	8617.120	8617.120	991
Punched rail 18 x 39 mm for the enclosure depth		4 pc(s).	8617.710	8617.710	8617.710	993
Support strip for the enclosure depth		20 pc(s).	4695.000	4695.000	4695.000	994
C rail 30/15, for the enclosure width		6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width		2 pc(s).	8617.800	8617.810	8617.830	996
LED system light			see page	see page	see page	1014
Earth straps			see page	see page	see page	1033
Cable entry plates			8619.800	8619.801	8619.803	1044
Cable entry grommets		Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	1044
Connector grommets		25 pc(s).	4318.000	4318.000	4318.000	1044
Section for cable entry, centre		10 pc(s).	4311.000	4311.000	4311.000	1044
			8618.800	8618.801	8618.803	1045
Section for cable entry, rear		Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
			8618.810	8618.811	8618.813	1045
Cable duct			see page	see page	see page	1058
Cable clamp rail, right angle section		2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 1600 mm, depth 500 mm

Width (B) mm	Packs of	600	800	1200	Page
Height (H) mm		1600	1600	1600	
Depth (T) mm		500	500	500	
Mounting plate width (F) mm		499	699	1099	
Mounting plate height (G) mm		1496	1496	1496	
Model No.	1 pc(s).	8665.000	8865.000	8265.000	
Weight kg		81.9	102.0	156.0	
Product-specific scope of supply					
Door(s)		1	1	2	
Accessories					
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.032	8640.032	8640.032	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.042	8640.042	8640.042	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8165.245	8165.245	8165.245	901
Divider panel		–	–	–	
Divider panel for module plates		–	–	–	
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	912
Glazed door		–	–	–	
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill		–	–	–	
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.020	8617.020	8617.020	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.120	8617.120	8617.120	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.710	8617.710	8617.710	993
Support strip for the enclosure depth	20 pc(s).	4695.000	4695.000	4695.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.830	996
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Cable entry plates		8619.800	8619.801	8619.803	1044
Cable entry grommets	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	1044
	10 pc(s).	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		8618.800	8618.801	8618.803	1045
Section for cable entry, rear	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
		8618.810	8618.811	8618.813	1045
Cable duct		see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 1800 mm, depth 400 mm

Width (B) mm	Packs of	600	800	1000	1000	1200	Page
Height (H) mm		1800	1800	1800	1800	1800	
Depth (T) mm		400	400	400	400	400	
Mounting plate width (F) mm		499	699	899	899	1099	
Mounting plate height (G) mm		1696	1696	1696	1696	1696	
Model No.	1 pc(s).	8684.000	8884.000	8080.000	8084.000	8284.000	
Weight kg		86.9	109.0	138.0	133.0	166.0	
Product-specific scope of supply							
Door(s)		1	1	2	1	2	
Accessories							
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.005	8640.005	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.031	8640.031	8640.031	8640.031	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.024	8640.024	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.041	8640.041	8640.041	8640.041	8640.041	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8184.245	8184.245	8184.245	8184.245	8184.245	901
Divider panel	1 pc(s).	8609.200	8609.200	8609.200	8609.200	8609.200	905
Divider panel for module plates		–	–	–	–	–	
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	8618.000	8618.010	–	–	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.710	8619.750	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4115.500	–	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4115.000	4124.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4590.700	4590.700	4590.700	4590.700	4590.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.050	8617.050	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.010	8617.010	8617.010	8617.010	8617.010	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.150	8617.150	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.110	8617.110	8617.110	8617.110	8617.110	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.700	8617.700	8617.700	8617.700	8617.700	993
Support strip for the enclosure depth	20 pc(s).	4694.000	4694.000	4694.000	4694.000	4694.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4946.000	4946.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.820	8617.820	8617.830	996
LED system light		see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	1033
Cable entry plates		8619.800	8619.801	8619.802	8619.802	8619.803	1044
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	1044
	10 pc(s).	4311.000	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		8618.800	8618.801	8618.802	8618.802	8618.803	1045
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	4 pc(s).	
Section for cable entry, rear		8618.810	8618.811	8618.812	8618.812	8618.813	1045
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	4 pc(s).	
Cable duct		see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.430	8619.430	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 1800 mm, depth 500 mm

Width (B) mm	Packs of	400	600	800	800	1200	Page
Height (H) mm		1800	1800	1800	1800	1800	
Depth (T) mm		500	500	500	500	500	
Mounting plate width (F) mm		299	499	699	699	1099	
Mounting plate height (G) mm		1696	1696	1696	1696	1696	
Model No.	1 pc(s).	8485.000	8685.000	8880.000	8885.000	8285.000	
Weight kg		66.4	90.0	119.0	113.0	173.0	
Product-specific scope of supply							
Door(s)		1	1	2	1	2	
Accessories							
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.001	8640.002	8640.003	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.032	8640.032	8640.032	8640.032	8640.032	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.021	8640.022	8640.023	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.042	8640.042	8640.042	8640.042	8640.042	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8185.245	8185.245	8185.245	8185.245	8185.245	901
Divider panel	1 pc(s).	8609.201	8609.201	8609.201	8609.201	8609.201	905
Divider panel for module plates	1 pc(s).	8609.210	8609.210	8609.210	8609.210	8609.210	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	–	8618.000	–	8618.010	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.700	8619.720	8619.700	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	–	4116.500	–	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4114.000	4116.000	4114.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4590.700	4590.700	4590.700	4590.700	4590.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.010	8617.030	8617.040	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.020	8617.020	8617.020	8617.020	8617.020	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.110	8617.130	8617.140	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.120	8617.120	8617.120	8617.120	8617.120	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.710	8617.710	8617.710	8617.710	8617.710	993
Support strip for the enclosure depth	20 pc(s).	4695.000	4695.000	4695.000	4695.000	4695.000	994
C rail 30/15, for the enclosure width	6 pc(s).	–	4944.000	4945.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	–	8617.800	8617.810	8617.810	8617.830	996
LED system light		see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	1033
Cable entry plates		–	8619.800	8619.801	8619.801	8619.803	1044
	Packs of	–	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	1044
		10 pc(s).	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		–	8618.800	8618.801	8618.801	8618.803	1045
	Packs of	–	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	
Section for cable entry, rear		–	8618.810	8618.811	8618.811	8618.813	1045
	Packs of	–	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	
Cable duct		see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.400	8619.410	8619.420	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 1800 mm, depth 600 mm

Width (B) mm	Packs of	400	600	800	800	1200	Page
Height (H) mm		1800	1800	1800	1800	1800	
Depth (T) mm		600	600	600	600	600	
Mounting plate width (F) mm		299	499	699	699	1099	
Mounting plate height (G) mm		1696	1696	1696	1696	1696	
Model No.	1 pc(s).	8486.000	8686.000	8881.000	8886.000	8286.000	
Weight kg		69.6	92.3	121.0	116.0	174.0	
Product-specific scope of supply							
Door(s)		1	1	2	1	2	
Accessories							
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.001	8640.002	8640.003	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.033	8640.033	8640.033	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.021	8640.022	8640.023	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.043	8640.043	8640.043	8640.043	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8186.245	8186.245	8186.245	8186.245	8186.245	901
Divider panel	1 pc(s).	8609.202	8609.202	8609.202	8609.202	8609.202	905
Divider panel for module plates	1 pc(s).	8609.211	8609.211	8609.211	8609.211	8609.211	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	–	8618.000	–	8618.010	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.700	8619.720	8619.700	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	–	4116.500	–	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4114.000	4116.000	4114.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4590.700	4590.700	4590.700	4590.700	4590.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.010	8617.030	8617.040	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.030	8617.030	8617.030	8617.030	8617.030	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.110	8617.130	8617.140	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.130	8617.130	8617.130	8617.130	8617.130	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.720	8617.720	8617.720	8617.720	8617.720	993
Support strip for the enclosure depth	20 pc(s).	4696.000	4696.000	4696.000	4696.000	4696.000	994
C rail 30/15, for the enclosure width	6 pc(s).	–	4944.000	4945.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	–	8617.800	8617.810	8617.810	8617.830	996
LED system light		see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	1033
Cable entry plates		–	8619.800	8619.801	8619.801	8619.803	1044
	Packs of	–	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	1044
		10 pc(s).	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		–	8618.800	8618.801	8618.801	8618.803	1045
	Packs of	–	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	
Section for cable entry, rear		–	8618.810	8618.811	8618.811	8618.813	1045
	Packs of	–	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	
Cable duct		see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.400	8619.410	8619.420	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 2000 mm, depth 400 mm

Width (B) mm	Packs of	600	800	1000	1200	Page
Height (H) mm		2000	2000	2000	2000	
Depth (T) mm		400	400	400	400	
Mounting plate width (F) mm		499	699	899	1099	
Mounting plate height (G) mm		1896	1896	1896	1896	
Model No.	1 pc(s).	8604.000	8804.000	8004.000	8204.000	
Weight kg		95.4	120.0	152.0	183.0	
Product-specific scope of supply						
Door(s)		1	1	2	2	
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.005	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.031	8640.031	8640.031	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.024	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.041	8640.041	8640.041	8640.041	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8104.245	8104.245	8104.245	8104.245	901
Divider panel	1 pc(s).	8609.203	8609.203	8609.203	8609.203	905
Divider panel for module plates		–	–	–	–	
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	8618.020	8618.030	–	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.710	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4115.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4115.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4591.700	4591.700	4591.700	4591.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.050	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.010	8617.010	8617.010	8617.010	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.150	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.110	8617.110	8617.110	8617.110	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.700	8617.700	8617.700	8617.700	993
Support strip for the enclosure depth	20 pc(s).	4694.000	4694.000	4694.000	4694.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4946.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.820	8617.830	996
LED system light		see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	1033
Cable entry plates		8619.800	8619.801	8619.802	8619.803	1044
Cable entry grommets		Packs of	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000
		10 pc(s).	4311.000	4311.000	4311.000	4311.000
Section for cable entry, centre		8618.800	8618.801	8618.802	8618.803	1045
Section for cable entry, rear		Packs of	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).
			8618.810	8618.811	8618.812	8618.813
Cable duct		see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.430	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 2000 mm, depth 500 mm

Width (B) mm	Packs of	400	600	800	1000	1200	Page
Height (H) mm		2000	2000	2000	2000	2000	
Depth (T) mm		500	500	500	500	500	
Mounting plate width (F) mm		299	499	699	899	1099	
Mounting plate height (G) mm		1896	1896	1896	1896	1896	
Model No.	1 pc(s).	8405.000	8605.000	8805.000	8005.000	8205.000	
Weight kg		73.0	98.0	122.0	156.0	187.0	
Product-specific scope of supply							
Door(s)		1	1	1	2	2	
Accessories							
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.001	8640.002	8640.003	8640.005	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.032	8640.032	8640.032	8640.032	8640.032	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.021	8640.022	8640.023	8640.024	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.042	8640.042	8640.042	8640.042	8640.042	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8105.245	8105.245	8105.245	8105.245	8105.245	901
Divider panel	1 pc(s).	8609.204	8609.204	8609.204	8609.204	8609.204	905
Divider panel for module plates	1 pc(s).	8609.212	8609.212	8609.212	8609.212	8609.212	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	–	8618.020	8618.030	–	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.700	8619.720	8619.730	8619.710	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	–	4116.500	4118.500	4115.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4114.000	4116.000	4118.000	4115.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4591.700	4591.700	4591.700	4591.700	4591.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.010	8617.030	8617.040	8617.050	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.020	8617.020	8617.020	8617.020	8617.020	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.110	8617.130	8617.140	8617.150	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.120	8617.120	8617.120	8617.120	8617.120	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.710	8617.710	8617.710	8617.710	8617.710	993
Support strip for the enclosure depth	20 pc(s).	4695.000	4695.000	4695.000	4695.000	4695.000	994
C rail 30/15, for the enclosure width	6 pc(s).	–	4944.000	4945.000	4946.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	–	8617.800	8617.810	8617.820	8617.830	996
LED system light		see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	1033
Cable entry plates		–	8619.800	8619.801	8619.802	8619.803	1044
	Packs of	–	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	1044
		10 pc(s).	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		–	8618.800	8618.801	8618.802	8618.803	1045
	Packs of	–	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	
Section for cable entry, rear		–	8618.810	8618.811	8618.812	8618.813	1045
	Packs of	–	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	
Cable duct		see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.400	8619.410	8619.420	8619.430	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 2000 mm, depth 600 mm

Width (B) mm	Packs of	400	600	800	1000	1200	Page
Height (H) mm		2000	2000	2000	2000	2000	
Depth (T) mm		600	600	600	600	600	
Mounting plate width (F) mm		299	499	699	899	1099	
Mounting plate height (G) mm		1896	1896	1896	1896	1896	
Model No.	1 pc(s).	8406.000	8606.000	8806.000	8006.000	8206.000	
Weight kg		75.2	101.0	126.0	160.0	191.0	
Product-specific scope of supply							
Door(s)		1	1	1	2	2	
Accessories							
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.001	8640.002	8640.003	8640.005	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.033	8640.033	8640.033	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.021	8640.022	8640.023	8640.024	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.043	8640.043	8640.043	8640.043	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8106.245	8106.245	8106.245	8106.245	8106.245	901
Divider panel	1 pc(s).	8609.205	8609.205	8609.205	8609.205	8609.205	905
Divider panel for module plates	1 pc(s).	8609.213	8609.213	8609.213	8609.213	8609.213	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	–	8618.020	8618.030	–	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.700	8619.720	8619.730	8619.710	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	–	4116.500	4118.500	4115.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4114.000	4116.000	4118.000	4115.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4591.700	4591.700	4591.700	4591.700	4591.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.010	8617.030	8617.040	8617.050	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.030	8617.030	8617.030	8617.030	8617.030	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.110	8617.130	8617.140	8617.150	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.130	8617.130	8617.130	8617.130	8617.130	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.720	8617.720	8617.720	8617.720	8617.720	993
Support strip for the enclosure depth	20 pc(s).	4696.000	4696.000	4696.000	4696.000	4696.000	994
C rail 30/15, for the enclosure width	6 pc(s).	–	4944.000	4945.000	4946.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	–	8617.800	8617.810	8617.820	8617.830	996
LED system light		see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	1033
Cable entry plates		–	8619.800	8619.801	8619.802	8619.803	1044
Cable entry grommets		Packs of	–	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	1044
		10 pc(s).	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		–	8618.800	8618.801	8618.802	8618.803	1045
Section for cable entry, rear		Packs of	–	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).
			–	8618.810	8618.811	8618.812	8618.813
Cable duct		see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.400	8619.410	8619.420	8619.430	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 2000 mm, depth 800 mm

Width (B) mm		Packs of	600	800	1200	Page
Height (H) mm			2000	2000	2000	
Depth (T) mm			800	800	800	
Mounting plate width (F) mm			499	699	1099	
Mounting plate height (G) mm			1896	1896	1896	
Model No.		1 pc(s).	8608.000	8808.000	8208.000	
Weight kg			106.0	138.0	201.0	
Product-specific scope of supply						
Door(s)			1	1	2	
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm		2 pc(s).	8640.002	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm		2 pc(s).	8640.034	8640.034	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm		2 pc(s).	8640.022	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm		2 pc(s).	8640.044	8640.044	8640.044	882
Levelling feet		4 pc(s).	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel		2 pc(s).	8108.245	8108.245	8108.245	901
Divider panel		1 pc(s).	8609.206	8609.206	8609.206	905
Divider panel for module plates			–	–	–	
Baying bracket, internal		6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal		6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external		6 pc(s).	8617.502	8617.502	8617.502	912
Glazed door		1 pc(s).	8618.020	8618.030	–	917
Comfort handle VX for lock inserts		1 pc(s).	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock		1 pc(s).	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders		1 pc(s).	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1		1 pc(s).	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system		1 pc(s).	8618.270	8618.270	8618.270	937
Lock inserts			see page	see page	see page	941, 942
180° hinges		4 pc(s).	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame		4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm		1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm		1 pc(s).	4116.000	4118.000	4116.000	955
Door stay		1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes		1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller		10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill		1 pc(s).	4591.700	4591.700	4591.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width		4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth		4 pc(s).	8617.040	8617.040	8617.040	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width		4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth		4 pc(s).	8617.140	8617.140	8617.140	991
Punched rail 18 x 39 mm for the enclosure depth		4 pc(s).	8617.730	8617.730	8617.730	993
Support strip for the enclosure depth		20 pc(s).	4697.000	4697.000	4697.000	994
C rail 30/15, for the enclosure width		6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width		2 pc(s).	8617.800	8617.810	8617.830	996
LED system light			see page	see page	see page	1014
Earth straps			see page	see page	see page	1033
Cable entry plates			8619.800	8619.801	8619.803	1044
Cable entry grommets		Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	1044
Connector grommets		25 pc(s).	4318.000	4318.000	4318.000	1044
Section for cable entry, centre		10 pc(s).	4311.000	4311.000	4311.000	1044
			8618.800	8618.801	8618.803	1045
Section for cable entry, rear		Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
			8618.810	8618.811	8618.813	1045
Cable duct			see page	see page	see page	1058
Cable clamp rail, right angle section		2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 2200 mm, depth 600 mm

Width (B) mm	Packs of	600	800	1200	Page
Height (H) mm		2200	2200	2200	
Depth (T) mm		600	600	600	
Mounting plate width (F) mm		499	699	1099	
Mounting plate height (G) mm		2096	2096	2096	
Model No.	1 pc(s).	8626.000	8826.000	8226.000	
Weight kg		106.0	136.0	204.0	
Product-specific scope of supply					
Door(s)		1	1	2	
Accessories					
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.033	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.043	8640.043	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8126.245	8126.245	8126.245	901
Divider panel	1 pc(s).	8609.207	8609.207	8609.207	905
Divider panel for module plates		–	–	–	
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	912
Glazed door	1 pc(s).	8618.040	8618.050	–	917
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4592.700	4592.700	4592.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.030	8617.030	8617.030	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.130	8617.130	8617.130	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.720	8617.720	8617.720	993
Support strip for the enclosure depth	20 pc(s).	4696.000	4696.000	4696.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.830	996
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Cable entry plates		8619.800	8619.801	8619.803	1044
Cable entry grommets	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	1044
Connector grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	1044
	10 pc(s).	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		8618.800	8618.801	8618.803	1045
Section for cable entry, rear	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
		8618.810	8618.811	8618.813	1045
Cable duct		see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25



System accessories Page 877 **VX25 basic enclosure** Page 116 **VX25 stainless steel** Page 242 **VX25 EMC-shielded** Page 136

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed
- Roof: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Glazed door: Extruded aluminium section, powder-coated, single-pane safety glass, 3 mm
- Rear door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Gland plates: Sheet steel, 1.5 mm, zinc-plated, passivated

Colour:

- Enclosure frame, door frame, corner pieces, panels: RAL 7035
- Viewing window (printed mask on the inside): RAL 9005

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

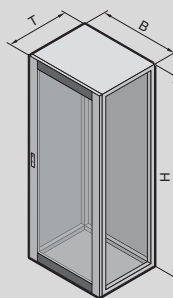
Supply includes:

- Enclosure frame
- Door(s) (r/h hinge, may be swapped to opposite side)
- Roof plate
- Glazed door at front
- Rear door
- Gland plates
- Lock: 3 mm double-bit

Approvals:

- UL
- cUL
- CSA

Further approvals can be found on the Internet.



Baying enclosure system VX25

Basic enclosure with glazed door

Width (B) mm	Packs of	600	600	800	800	Page
Height (H) mm		2000	2000	2000	2000	
Depth (T) mm		600	800	600	800	
Model No.	1 pc(s).	8840.120	8840.130	8840.100	8840.110	
Weight kg		71.0	75.4	84.2	90.0	
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.002	8640.003	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.034	8640.033	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.022	8640.023	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.044	8640.043	8640.044	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8106.245	8108.245	8106.245	8108.245	901
Divider panel	1 pc(s).	8609.205	8609.206	8609.205	8609.206	905
Divider panel for module plates	1 pc(s).	8609.213	—	8609.213	—	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	912
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	937
Comfort handle VX with security lock insert, lock E1	1 pc(s).	8618.240	8618.240	8618.240	8618.240	937
Comfort handle VX for ASSA lock system	1 pc(s).	8618.270	8618.270	8618.270	8618.270	937
Lock inserts		see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8618.330	8618.330	8618.330	8618.330	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.720	8619.730	8619.730	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4116.500	4118.500	4118.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4116.000	4118.000	4118.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	8618.420	956
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.030	8617.040	8617.040	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.030	8617.040	8617.030	8617.040	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.130	8617.140	8617.140	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.130	8617.140	8617.130	8617.140	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.720	8617.730	8617.720	8617.730	993
Support strip for the enclosure depth	20 pc(s).	4696.000	4697.000	4696.000	4697.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4944.000	4945.000	4945.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.800	8617.810	8617.810	996
LED system light		see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	1033
Cable entry plates		8619.800	8619.800	8619.801	8619.801	1044
	Packs of	2 pc(s).	2 pc(s).	2 pc(s).	2 pc(s).	
Cable entry grommets	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	1044
	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	1044
Connector grommets	10 pc(s).	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		8618.800	8618.800	8618.801	8618.801	1045
	Packs of	2 pc(s).	2 pc(s).	2 pc(s).	2 pc(s).	
Section for cable entry, rear		8618.810	8618.810	8618.811	8618.811	1045
	Packs of	2 pc(s).	2 pc(s).	2 pc(s).	2 pc(s).	
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.410	8619.420	8619.420	1059

Baying enclosure system VX25



System accessories Page 877 **482.6 mm (19") installation accessories** Page 1075 **482.6 mm (19") climate control** Page 466

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed
- Roof: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Front frame: Extruded aluminium section, powder-coated

- Rear door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Gland plates: Sheet steel, 1.5 mm, zinc-plated, passivated
- 482.6 mm (19") adaptor sections: Sheet steel, zinc-plated

Colour:

- RAL 7035

Supply includes:

- Enclosure frame
- Front frame (r/h hinge, held on the left via magnetic snap fasteners)
- Rear door (r/h hinge, may be swapped to opposite side)
- Roof plate
- Gland plates
- Adaptor sections, 482.6 mm (19"), front

Electronic enclosure

Height units U	Packs of	33	33	42	42	Page
Width mm		600	600	600	600	
Height mm		1600	1600	2000	2000	
Depth mm		600	800	600	800	
Model No.	1 pc(s).	8410.000	8418.000	8430.000	8438.000	
Weight kg		58.0	63.2	67.8	72.2	

Accessories

Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.002	8640.002	8640.002	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.034	8640.033	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.022	8640.022	8640.022	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.044	8640.043	8640.044	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8166.245	8168.245	8106.245	8108.245	901
Comfort handle VX for lock inserts	1 pc(s).	8618.200	8618.200	8618.200	8618.200	937
Comfort handle VX for lock inserts and padlock	1 pc(s).	8618.230	8618.230	8618.230	8618.230	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	8618.250	8618.250	8618.250	937
Lock inserts		see page	see page	see page	see page	941, 942
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.030	8617.040	8617.030	8617.040	990
LED system light		see page	see page	see page	see page	1014
Section for cable entry, centre	2 pc(s).	8618.800	8618.800	8618.800	8618.800	1045
Section for cable entry, rear	2 pc(s).	8618.810	8618.810	8618.810	8618.810	1045
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.410	8619.410	8619.410	1059
Adaptor section, 482.6 mm (19")	2 pc(s).	8619.300	8619.300	8619.320	8619.320	1080
Adaptor piece, 482.6 mm (19")	4 pc(s).	8619.330	8619.330	8619.330	8619.330	1081
Slide rail with two-sided mounting	10 pc(s).	8613.161	8613.181	8613.161	8613.181	1089
Slide rail with one-sided mounting	10 pc(s).	4531.001	4531.001	4531.001	4531.001	1089
482.6 mm (19") fastener, 1 U	24 pc(s).	2090.000	2090.000	2090.000	2090.000	1097



System accessories Page 877 **Cable entry** Page 1044

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed and powder-coated, textured paint
- Roof: Sheet steel, 1.5 mm, dipcoat-primed and powder-coated, textured paint
- Door: Sheet steel, 2 mm, dipcoat-primed and powder-coated, textured paint
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed and powder-coated, textured paint
- Gland plate: Sheet steel, 1.5 mm, dipcoat-primed and powder-coated, textured paint
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4

Supply includes:

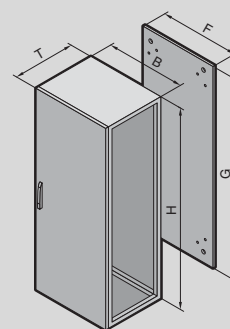
- Enclosure frame
- Door (r/h hinge, may be swapped to opposite side)
- Roof plate
- Base
- Rear panel
- Mounting plate
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm
- Accessory kit for side panels for upgrading to IP 66/NEMA 4

Note:

- The standard baying connectors VX for bayed suites may be used while maintaining the protection category IP 66/NEMA 4X

Approvals:

- UL
- cUL
- DNV-GL



IP 66/NEMA 4

Width (B) mm	Packs of	800	Page
Height (H) mm		2000	
Depth (T) mm		600	
Mounting plate width (F) mm		699	
Mounting plate height (G) mm		1896	
Model No.	1 pc(s).	8807.000	
Accessories			
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	882
Levelling feet	4 pc(s).	4612.000	892
Side panels, screw-fastened, sheet steel	2 pc(s).	8106.245	901
Baying bracket, internal	6 pc(s).	8617.500	912
Baying block, internal	6 pc(s).	8617.501	912
Baying connector, external	6 pc(s).	8617.502	912
Comfort handle VX for lock inserts	1 pc(s).	8618.200	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.250	937
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4118.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4118.000	955
LED system light		see page	1014
Cable duct		see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.420	1059

Baying enclosure system VX25



System accessories Page 877 **Modular front design** Page 925 **Compartment configuration** Page 410

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Gland plates: Sheet steel, 1.5 mm, zinc-plated

Colour:

- RAL 7035

Basis of test:

- IEC 61 439-1/-2
- IEC 61 641

Protection category IP to IEC 60 529:

- Up to IP 54, depending on the panels

Supply includes:

- Enclosure frame
- Rear panel
- Gland plates

Modular enclosure, height 2000 mm

Width mm	Packs of	400	600	800	400	600	800	Page
Height mm		2000	2000	2000	2000	2000	2000	
Depth mm		600	600	600	800	800	800	
Model No.	1 pc(s).	9680.406	9680.606	9680.806	9680.408	9680.608	9680.808	
Weight kg		43.8	51.0	61.0	46.0	53.7	64.2	

Accessories

Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.001	8640.002	8640.003	8640.001	8640.002	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.033	8640.033	8640.034	8640.034	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.021	8640.022	8640.023	8640.021	8640.022	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.043	8640.043	8640.044	8640.044	8640.044	882
Side panel, screw-fastened, sheet steel	2 pc(s).	8106.245	8106.245	8106.245	8106.245	8108.245	8108.245	901
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	8617.502	912
Partial door		see page	see page	see page	see page	see page	see page	926
Front trim panel, top, solid		see page	see page	see page	see page	see page	see page	927
Front trim panel, bottom, solid		see page	see page	see page	see page	see page	see page	927
Front trim panel, bottom, vented	1 pc(s).	9682.354	9682.356	9682.358	9682.354	9682.356	9682.358	927
Roof plate IP 55, solid	1 pc(s).	9681.646	9681.666	9681.686	9681.648	9681.668	9681.688	961
Roof plate IP 2X with ventilation hole	1 pc(s).	9681.846	9681.866	9681.886	9681.848	9681.868	9681.888	961
Roof plate for cable entry glands	1 pc(s).	9681.546	9681.566	9681.586	9681.548	9681.568	9681.588	961
Cable entry gland		see page	see page	see page	see page	see page	see page	962

Baying enclosure system VX25

Modular enclosure, height 2200 mm

Width mm	Packs of	400	600	800	400	600	800	Page
Height mm		2200	2200	2200	2200	2200	2200	
Depth mm		600	600	600	800	800	800	
Model No.	1 pc(s).	9680.426	9680.626	9680.826	9680.428	9680.628	9680.828	
Weight kg		43.2	54.0	59.4	46.1	55.8	66.0	
Accessories								
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.001	8640.002	8640.003	8640.001	8640.002	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.033	8640.033	8640.034	8640.034	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.021	8640.022	8640.023	8640.021	8640.022	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.043	8640.043	8640.044	8640.044	8640.044	882
Side panel, screw-fastened, sheet steel	2 pc(s).	8126.245	8126.245	8126.245	8128.245	8128.245	8128.245	901
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	8617.502	8617.502	912
Partial door		see page	see page	see page	see page	see page	see page	926
Front trim panel, top, solid		see page	see page	see page	see page	see page	see page	927
Front trim panel, bottom, solid		see page	see page	see page	see page	see page	see page	927
Front trim panel, bottom, vented	1 pc(s).	9682.354	9682.356	9682.358	9682.354	9682.356	9682.358	927
Roof plate IP 55, solid	1 pc(s).	9681.646	9681.666	9681.686	9681.648	9681.668	9681.688	961
Roof plate IP 2X with ventilation hole	1 pc(s).	9681.846	9681.866	9681.886	9681.848	9681.868	9681.888	961
Roof plate for cable entry glands	1 pc(s).	9681.546	9681.566	9681.586	9681.548	9681.568	9681.588	961
Cable entry gland		see page	see page	see page	see page	see page	see page	962



Baying enclosure system VX25



System accessories Page 877 **Compartment configuration** Page 410 **Fuse-switch disconnecter section** Page 415

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed
- Roof: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Gland plate: Sheet steel, 1.5 mm, zinc-plated
- Front trim panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Compartment side panel: Sheet steel, 1.5 mm, zinc-plated

Colour:

- RAL 7035

Basis of test:

- IEC 61 439-1/-2
- IEC 61 641

Protection category IP to IEC 60 529:

- Up to IP 3X, depending on the panels

Supply includes:

- Enclosure frame
- Door
- Roof plate
- Rear panel
- Gland plates
- Front trim panels
- Lock: 3 mm double-bit
- Compartment side panels
- Locating frame for disconnectors with fuses (brands ABB SlimLine/Jean Müller SASIL)

Fuse-switch-disconnector enclosure, height 2000 – 2200 mm

Width mm	Packs of	1000	1200	1000	1200	Page
Height mm		2000	2000	2200	2200	
Depth mm		600	800	600	800	
Model No.	1 pc(s).	9680.005	9680.207	9680.025	9680.227	
Weight kg		125.3	149.6	135.2	158.9	
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.005	8640.007	8640.005	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.034	8640.033	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.024	8640.025	8640.024	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.044	8640.043	8640.044	882
Side panel, screw-fastened, sheet steel	2 pc(s).	8106.245	8108.245	8126.245	8128.245	901
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	912
Roof plate IP 2X with ventilation hole	1 pc(s).	9681.806	9681.828	9681.806	9681.828	961

Baying enclosure system VX25



System accessories Page 877 **ISV assembly modules** Page 421 **VX basic enclosure** Page 116 **Lock systems** Page 937

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, dipcoat-primed
- Roof: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Gland plates: Sheet steel, 1.5 mm, zinc-plated

Colour:

- RAL 7035

Basis of test:

- IEC 61 439-1/-2

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

- Enclosure frame
 - Door(s) (door hinged on the right, may be swapped to the left)
 - Gland plates
 - Rear panel
 - Roof plate
 - Lock: 3 mm double-bit
- Please observe the product-specific scope of supply.

Note:

- For 600 mm wide distribution enclosures, please use VX basic enclosures
- For a base/plinth height of 200 mm, 2 packs each of plinth corner pieces, 100 mm and base/plinth trim panels, 100 mm are required

Distribution enclosure

Width mm	Packs of	850	1100	850	1100	Page
Height mm		2000	2000	2000	2000	
Depth mm		400	400	600	600	
Model No.	1 pc(s).	9666.956	9666.966	9666.916	9666.926	
Weight kg		111.0	146.0	117.0	156.0	
Product-specific scope of supply						
Number of doors		1	2	1	2	
Also required						
ISV installation kit	1 pc(s).	9666.912	9666.922	9666.912	9666.922	420
Mounting angles ISV	2 pc(s).	9666.712	9666.712	9666.712	9666.712	429
Depth stay for installation kit ISV	2 pc(s).	–	9666.732	–	9666.732	430
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.004	8640.006	8640.004	8640.006	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.031	8640.033	8640.033	882
Side panel, screw-fastened, sheet steel	2 pc(s).	8104.245	8104.245	8106.245	8106.245	901
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	8617.501	912
Baying connector, external	6 pc(s).	8617.502	8617.502	8617.502	8617.502	912
Roof plate for cable entry glands	1 pc(s).	9681.594	9681.514	9681.596	9681.516	961
Cable entry gland		see page	see page	see page	see page	962

Baying enclosure system VX25



System accessories Page 877 **VX25 basic enclosure** Page 116 **VX25 stainless steel** Page 242

The large enclosures in the VX25 series offer a good level of shielding across a broad frequency range, even in the standard version. For increased EMC requirements, Rittal's VX25 enclosure is also available in a high RF attenuation version.

Material and surface finish:

- Enclosure frame: Sheet steel, 1.5 mm, with magnesium zinc coating
- Roof: Sheet steel, 1.5 mm, with magnesium zinc coating, spray-finished on the outside and paint-free on the inside

- Door: Sheet steel, 2 mm, with magnesium zinc coating, spray-finished on the outside and paint-free on the inside
- Rear panel: Sheet steel, 1.5 mm, with magnesium zinc coating, spray-finished on the outside and paint-free on the inside
- Gland plates: Sheet steel, 1.5 mm, zinc-plated
- Mounting plate: Sheet steel, 3 mm, zinc-plated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

NEMA protection category:

- NEMA 12

Supply includes:

- Enclosure frame
- Door(s) (door hinged on the right, may be swapped to the left)
- Rear panel
- Roof plate
- Gland plates
- Mounting plate
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm

Note:

- For bayed enclosures, the EMC shielding seal is required

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

EMC enclosure

Width mm	Packs of	800	800	Page
Height mm		2000	2000	
Depth mm		600	800	
Model No.	1 pc(s).	8807.010	8807.020	
Weight kg		130.0	135.0	
Accessories				
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.003	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.034	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.023	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.044	882
EMC side panels	2 pc(s).	8106.760	8108.760	1028
EMC shielding seal	1 pc(s).	8800.695	8800.695	1028
Divider panel	1 pc(s).	8609.205	8609.206	905
EMC divider panel seal	1 pc(s).	4348.500	4348.500	1028
Rail for EMC shielding bracket	1 pc(s).	2388.850	2388.850	1029
EMC shielding bracket		see page	see page	1029
EMC shield bus		see page	see page	1030
EMC gland plates	1 pc(s).	8618.821	8618.821	1029
EMC earth clamps		see page	see page	1030
EMC cable glands		see page	see page	1030
Cable duct		see page	see page	1058
LED system light		see page	see page	1014
Earth strap		see page	see page	1033
Earthing braid		see page	see page	1033
Comfort handle VX		see page	see page	937

LED system light

Innovative LED technology produces even more light,
see page 1012



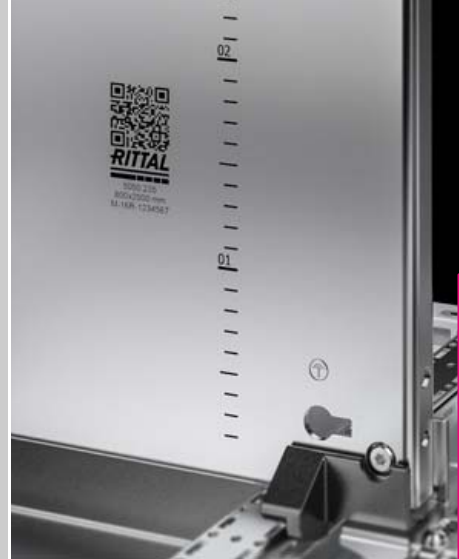
Free-standing enclosure system VX SE

Added efficiency with planning and assembly



Digitalization

- The QR code on all machinable enclosure panels permits fully automated incorporation into the production workflow, for seamless digital monitoring from the incoming goods right through to the finished product.



Reliable engineering

- In the automated production process and when working with virtual prototypes, Rittal supports its customers with a host of conversion and planning tools:
 - Configurators
 - Parts list converters
 - EPLAN Pro Panel
 - 2D/3D CAD data
 - ecl@ss Advanced
 - Technical documentation
 - Data for planners



Large variety of sizes

- Enclosure widths from 600 – 1800 mm
- Widths 1600 and 1800 mm are only available for VX SE. These replace several bayed enclosures.

Benefits:

- No baying work
- One large, continuous mounting plate
- Savings on accessories:
 - Only one base/plinth
 - Only one handle
- No need to use a mounting plate infill
- 300 mm deep enclosures are ideal for use in facility management



Smart construction

- High stability thanks to a self-supporting, integral construction technique, with roof and sides from a single piece with roll-formed frame
- High protection category up to IP 66
- A wide range of sheet steel and stainless steel versions for almost any application area
- 300 mm deep enclosures are ideal for use in facility management



Free-standing enclosure system VX SE

Compatibility with the VX25 for added efficiency in interior installation, even more efficient



Compatible interior installation

- With the new base assembly and optional adaptor rail, interior installation is compatible with the VX25
- All VX25 punched sections and bars for the inner mounting level may be used without restriction
- The large swing frame supports full or partial installation for 482.6 mm (19") components. It is fully depth-adjustable within the 25 mm pitch pattern, and hinged on the left or right. Two swing frames may also be fitted together in 1200 mm wide enclosures.

Optimum installation options

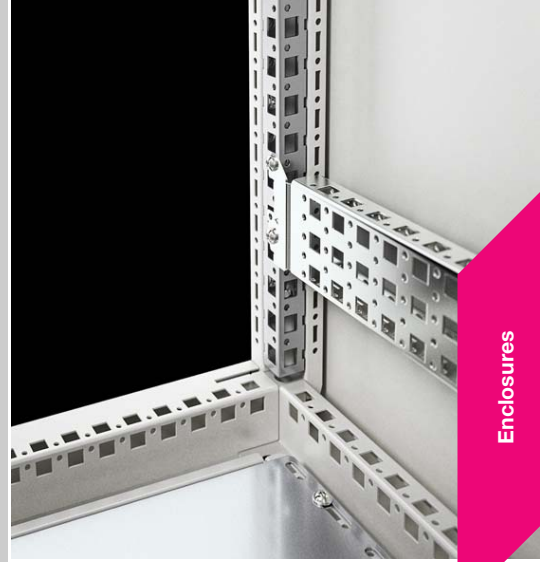
- The continuous square holes on the vertical section when using adaptor rail VX support the use of metric screw-fastenings M5, M6, M8

System benefits

- The smart enclosure design from a single piece eliminates the need for additional earth straps from the roof and side panels to the frame
- Automatic potential equalisation from the rear panel to the enclosure as standard
- When using a Rittal climate control device and Rittal fan-and-filter unit in the roof, rear panel and side panels, additional earthing is not required
- The smart enclosure design from a single piece ensures good EMC properties

Simple cable entry

- The blunt edges minimise the risk of cable damage when routing cables underneath the enclosure
- The earthing points pre-labelled as standard provide quick guidance and help to accelerate the work process
- The double edge fold of the gland plates prevents bending even under heavy loads to ensure compliance with the high protection category



Enclosures



Free-standing enclosure system VX SE



System accessories Page 877 **VX SE stainless steel** Page 248 **Base/plinth** Page 880

Material and surface finish:

- Enclosure: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated
- Gland plates: Sheet steel, 1.5 mm, zinc-plated, passivated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

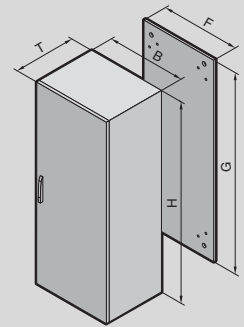
Supply includes:

- Enclosure, solid top and sides
- Door(s)
- R/h door hinge with single-door enclosures, may be swapped to opposite side
- Mounting plate
- Gland plates
- Rear panel, detachable
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm

Please note the product-specific scope of supply.

Approvals:

- UL
- cUL



Free-standing enclosure system VX SE

Basic enclosure, width 600 mm

Width (B) mm		Packs of	600	600	600	Page
Height (H) mm			1800	1800	2000	
Depth (T) mm			300	400	300	
Mounting plate width (F) mm			499	499	499	
Mounting plate height (G) mm			1696	1696	1896	
Model No.		1 pc(s).	5820.600	5830.600	5821.600	
Product-specific scope of supply						
Rear panel, one-piece			■	■	■	
Door(s)			1	1	1	
Accessories						
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm		2 pc(s).	8640.002	8640.002	8640.002	881
Base/plinth trim panels, sides, 100 mm		2 pc(s).	8640.030	8640.031	8640.030	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm		2 pc(s).	8640.022	8640.022	8640.022	881
Base/plinth trim panels, sides, 200 mm		2 pc(s).	8640.040	8640.041	8640.040	882
Levelling feet		4 pc(s).	4612.000	4612.000	4612.000	892
Glazed door		1 pc(s).	8610.685	8610.685	8610.605	918
Comfort handle for lock insert		1 pc(s).	8611.020	8611.020	8611.020	938
Comfort handle for lock insert and padlock		1 pc(s).	8611.290	8611.290	8611.290	938
Comfort handle for profile half-cylinders		1 pc(s).	8611.070	8611.070	8611.070	938
Lock inserts			see page	see page	see page	941, 942
180° hinges		4 pc(s).	8800.190	8800.190	8800.190	951
Punched section with mounting flange, 14 x 39 mm, for door		4 pc(s).	8619.720	8619.720	8619.720	952
Wiring plan pocket, depth 35 mm		1 pc(s).	4116.500	4116.500	4116.500	955
Wiring plan pocket, depth 90 mm		1 pc(s).	4116.000	4116.000	4116.000	955
Door stay		5 pc(s).	4583.000	4583.000	4583.000	956
Door stay for escape routes		1 pc(s).	4583.500	4583.500	4583.500	956
Ride-up roller		10 pc(s).	4538.000	4538.000	4538.000	956
Adaptor rail VX to fit enclosure height		4 pc(s).	8617.750	8617.750	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth		4 pc(s).	8612.030	8612.040	8612.030	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth		4 pc(s).	8612.130	8612.140	8612.130	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾		4 pc(s).	8617.100	8617.110	8617.100	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾		4 pc(s).	8617.130	8617.130	8617.130	991
Punched rail 18 x 39 mm for the enclosure depth ¹⁾		4 pc(s).	–	8617.700	–	993
Support strip for the outer level for enclosure depth		20 pc(s).	–	4694.000	–	994
Support strip for the inner level for enclosure depth		20 pc(s).	–	4309.000	–	994
C rail 30/15, for the enclosure width		6 pc(s).	4944.000	4944.000	4944.000	996
Support rail 48 x 26 mm, for the enclosure width ¹⁾		2 pc(s).	8617.800	8617.800	8617.800	996
LED system light			see page	see page	see page	1014
Earth straps			see page	see page	see page	1033
Cable entry plate		2 pc(s).	8619.800	8619.800	8619.800	1044
Cable entry grommets	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	1044
	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	1044
Connector grommets		10 pc(s).	4311.000	4311.000	4311.000	1044
Section for cable entry, centre		2 pc(s).	8618.800	8618.800	8618.800	1045
Section for cable entry, rear		2 pc(s).	8618.810	8618.810	8618.810	1045
Cable duct			see page	see page	see page	1058
Cable clamp rail, right angle section		2 pc(s).	8619.410	8619.410	8619.410	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

Free-standing enclosure system VX SE

Basic enclosure, width 800 mm

Width (B) mm	Packs of	800	800	800	800	800	800	Page
Height (H) mm		1800	1800	2000	2000	2000	2000	
Depth (T) mm		300	400	300	400	500	600	
Mounting plate width (F) mm		699	699	699	699	699	699	
Mounting plate height (G) mm		1696	1696	1896	1896	1896	1896	
Model No.	1 pc(s).	5822.600	5831.600	5823.600	5832.600	5833.600	5834.600	
Product-specific scope of supply								
Rear panel, one-piece		■	■	■	■	■	■	
Door(s)		1	1	1	1	1	1	
Accessories								
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.003	8640.003	8640.003	8640.003	8640.003	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.030	8640.031	8640.030	8640.031	8640.032	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.023	8640.023	8640.023	8640.023	8640.023	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.040	8640.041	8640.040	8640.041	8640.042	8640.043	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	4612.000	892
Glazed door	1 pc(s).	8610.885	8610.885	8610.805	8610.805	8610.805	8610.805	918
Comfort handle for lock insert	1 pc(s).	8611.020	8611.020	8611.020	8611.020	8611.020	8611.020	938
Comfort handle for lock insert and padlock	1 pc(s).	8611.290	8611.290	8611.290	8611.290	8611.290	8611.290	938
Comfort handle for profile half-cylinders	1 pc(s).	8611.070	8611.070	8611.070	8611.070	8611.070	8611.070	938
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8800.190	8800.190	8800.190	8800.190	8800.190	8800.190	951
Punched section with mounting flange, 14 x 39 mm, for door	4 pc(s).	8619.730	8619.730	8619.730	8619.730	8619.730	8619.730	952
Wiring plan pocket, depth 35 mm	1 pc(s).	4118.500	4118.500	4118.500	4118.500	4118.500	4118.500	955
Wiring plan pocket, depth 90 mm	1 pc(s).	4118.000	4118.000	4118.000	4118.000	4118.000	4118.000	955
Door stay	5 pc(s).	4583.000	4583.000	4583.000	4583.000	4583.000	4583.000	956
Door stay for escape routes	1 pc(s).	4583.500	4583.500	4583.500	4583.500	4583.500	4583.500	956
Ride-up roller	10 pc(s).	4538.000	4538.000	4538.000	4538.000	4538.000	4538.000	956
Adaptor rail VX to fit enclosure height	4 pc(s).	8617.750	8617.750	8617.751	8617.751	8617.751	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth	4 pc(s).	8612.030	8612.040	8612.030	8612.040	8612.050	8612.060	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth	4 pc(s).	8612.130	8612.140	8612.130	8612.140	8612.150	8612.160	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾	4 pc(s).	8617.100	8617.110	8617.100	8617.110	8617.120	8617.130	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾	4 pc(s).	8617.140	8617.140	8617.140	8617.140	8617.140	8617.140	991
Punched rail 18 x 39 mm for the enclosure depth ¹⁾	4 pc(s).	–	8617.700	–	8617.700	8617.710	8617.720	993
Support strip for the outer level for enclosure depth	20 pc(s).	–	4694.000	–	4694.000	4695.000	4696.000	994
Support strip for the inner level for enclosure depth	20 pc(s).	–	4309.000	–	4309.000	4596.000	8800.130	994
C rail 30/15, for the enclosure width	6 pc(s).	4945.000	4945.000	4945.000	4945.000	4945.000	4945.000	996
Support rail 48 x 26 mm, for the enclosure width ¹⁾	2 pc(s).	8617.810	8617.810	8617.810	8617.810	8617.810	8617.810	996
LED system light		see page	see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	see page	1033
Cable entry plate	2 pc(s).	8619.801	8619.801	8619.801	8619.801	8619.801	8619.801	1044
Cable entry grommets	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	4317.000	1044
	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	4318.000	1044
Connector grommets	10 pc(s).	4311.000	4311.000	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre	2 pc(s).	8618.801	8618.801	8618.801	8618.801	8618.801	8618.801	1045
Section for cable entry, rear	2 pc(s).	8618.811	8618.811	8618.811	8618.811	8618.811	8618.811	1045
Cable duct		see page	see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.420	8619.420	8619.420	8619.420	8619.420	8619.420	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

Free-standing enclosure system VX SE

Basic enclosure, width 1000 – 1200 mm

Width (B) mm	Packs of	1000	1200	1200	1200	1200	1200	1200	Page
Height (H) mm		1800	1800	1800	2000	2000	2000	2000	
Depth (T) mm		400	300	400	300	400	500	600	
Mounting plate width (F) mm		899	1099	1099	1099	1099	1099	1099	
Mounting plate height (G) mm		1696	1696	1696	1896	1896	1896	1896	
Model No.	1 pc(s).	5840.600	5824.600	5841.600	5825.600	5843.600	5844.600	5845.600	
Product-specific scope of supply									
Rear panel, one-piece		■	■	■	■	■	■	■	
Door(s)		2	2	2	2	2	2	2	
Accessories									
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.005	8640.007	8640.007	8640.007	8640.007	8640.007	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.030	8640.031	8640.030	8640.031	8640.032	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.024	8640.025	8640.025	8640.025	8640.025	8640.025	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.041	8640.040	8640.041	8640.040	8640.041	8640.042	8640.043	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	4612.000	4612.000	4612.000	4612.000	892
Glazed door		–	–	–	–	–	–	–	
Comfort handle for lock insert	1 pc(s).	8611.020	8611.020	8611.020	8611.020	8611.020	8611.020	8611.020	938
Comfort handle for lock insert and padlock	1 pc(s).	8611.290	8611.290	8611.290	8611.290	8611.290	8611.290	8611.290	938
Comfort handle for profile half-cylinders	1 pc(s).	8611.070	8611.070	8611.070	8611.070	8611.070	8611.070	8611.070	938
Lock inserts		see page	see page	see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8800.190	8800.190	8800.190	8800.190	8800.190	8800.190	8800.190	951
Punched section with mounting flange, 14 x 39 mm, for door	4 pc(s).	8619.710	8619.720	8619.720	8619.720	8619.720	8619.720	8619.720	952
Wiring plan pocket, depth 35 mm	1 pc(s).	4115.500	4116.500	4116.500	4116.500	4116.500	4116.500	4116.500	955
Wiring plan pocket, depth 90 mm	1 pc(s).	4115.000	4116.000	4116.000	4116.000	4116.000	4116.000	4116.000	955
Door stay	5 pc(s).	4583.000	4583.000	4583.000	4583.000	4583.000	4583.000	4583.000	956
Door stay for escape routes	1 pc(s).	4583.500	4583.500	4583.500	4583.500	4583.500	4583.500	4583.500	956
Ride-up roller	10 pc(s).	4538.000	4538.000	4538.000	4538.000	4538.000	4538.000	4538.000	956
Adaptor rail VX to fit enclosure height	4 pc(s).	8617.750	8617.750	8617.750	8617.751	8617.751	8617.751	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth	4 pc(s).	8612.040	8612.030	8612.040	8612.030	8612.040	8612.050	8612.060	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth	4 pc(s).	8612.140	8612.130	8612.140	8612.130	8612.140	8612.150	8612.160	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾	4 pc(s).	8617.110	8617.100	8617.110	8617.100	8617.110	8617.120	8617.130	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾	4 pc(s).	8617.150	8617.160	8617.160	8617.160	8617.160	8617.160	8617.160	991
Punched rail 18 x 39 mm for the enclosure depth ¹⁾	4 pc(s).	8617.700	–	8617.700	–	8617.700	8617.710	8617.720	993
Support strip for the outer level for enclosure depth	20 pc(s).	4694.000	–	4694.000	–	4694.000	4695.000	4696.000	994
Support strip for the inner level for enclosure depth	20 pc(s).	4309.000	–	4309.000	–	4309.000	4596.000	8800.130	994
C rail 30/15, for the enclosure width	6 pc(s).	4946.000	4947.000	4947.000	4947.000	4947.000	4947.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width ¹⁾	2 pc(s).	8617.820	8617.830	8617.830	8617.830	8617.830	8617.830	8617.830	996
LED system light		see page	see page	see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	see page	see page	1033
Cable entry plate	4 pc(s).	8619.802	8619.803	8619.803	8619.803	8619.803	8619.803	8619.803	1044
Cable entry grommets	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	4317.000	4317.000	1044
	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	4318.000	4318.000	1044
Connector grommets	10 pc(s).	4311.000	4311.000	4311.000	4311.000	4311.000	4311.000	4311.000	1044
Section for cable entry, centre	4 pc(s).	8618.802	8618.803	8618.803	8618.803	8618.803	8618.803	8618.803	1045
Section for cable entry, rear	4 pc(s).	8618.812	8618.813	8618.813	8618.813	8618.813	8618.813	8618.813	1045
Cable duct		see page	see page	see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.430	8619.440	8619.440	8619.440	8619.440	8619.440	8619.440	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

Free-standing enclosure system VX SE

Basic enclosure, width 1600 – 1800 mm

Width (B) mm	Packs of	1600	1800	Page
Height (H) mm		1800	2000	
Depth (T) mm		400	500	
Mounting plate width (F) mm		1499	1699	
Mounting plate height (G) mm		1696	1896	
Model No.	1 pc(s).	5842.600	5846.600	
Product-specific scope of supply				
Rear panel, two-piece		■	■	
Door(s)		2	2	
Accessories				
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.008	8640.009	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.032	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.026	8640.027	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.041	8640.042	882
Levelling feet	4 pc(s).	4612.000	4612.000	892
Glazed door		–	–	
Comfort handle for lock insert	1 pc(s).	8611.020	8611.020	938
Comfort handle for lock insert and padlock	1 pc(s).	8611.290	8611.290	938
Comfort handle for profile half-cylinders	1 pc(s).	8611.070	8611.070	938
Lock inserts	1 pc(s).	see page	see page	941, 942
180° hinges	4 pc(s).	8800.190	8800.190	951
Punched section with mounting flange, 14 x 39 mm, for door	4 pc(s).	8619.730	8619.740	952
Wiring plan pocket, depth 35 mm	1 pc(s).	4118.500	–	955
Wiring plan pocket, depth 90 mm	1 pc(s).	4118.000	4123.000	955
Door stay	5 pc(s).	4583.000	4583.000	956
Door stay for escape routes	1 pc(s).	4583.500	4583.500	956
Ride-up roller	10 pc(s).	4538.000	4538.000	956
Adaptor rail VX to fit enclosure height	4 pc(s).	8617.750	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth	4 pc(s).	8612.040	8612.050	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth	4 pc(s).	8612.140	8612.150	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾	4 pc(s).	8617.110	8617.120	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾	4 pc(s).	8617.180	8617.190	991
Punched rail 18 x 39 mm for the enclosure depth ¹⁾	4 pc(s).	8617.700	8617.710	993
Support strip for the outer level for enclosure depth	20 pc(s).	4694.000	4695.000	994
Support strip for the inner level for enclosure depth	20 pc(s).	4309.000	4596.000	994
LED system light		see page	see page	1014
Earth straps		see page	see page	1033
Section for cable entry, centre	2 pc(s).	8618.804	–	1045
Section for cable entry, rear	2 pc(s).	8618.814	–	1045
Cable duct		see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.450	8619.460	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

Free-standing enclosure system VX SE



System accessories Page 877 VX SE IP 66/NEMA 4X stainless steel Page 250 Base/plinth Page 880

Material and surface finish:

- Enclosure: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Door: Sheet steel, 2 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Rear panel: Sheet steel, 1.5 mm, dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated
- Base: Sheet steel, 1.5 mm, dipcoat-primed and powder-coated, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

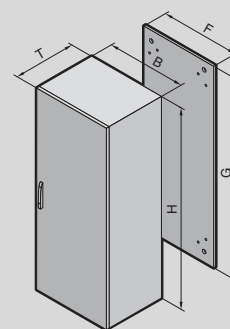
- NEMA 4

Supply includes:

- Enclosure, solid top and sides
- Door(s)
- Door hinged on the right, may be swapped to the left
- Mounting plate
- Base, solid
- Rear panel, detachable
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm

Approvals:

- UL
- cUL



IP 66/NEMA 4

Width (B) mm	Packs of	600	800	800	Page
Height (H) mm		1800	1800	2000	
Depth (T) mm		400	400	600	
Mounting plate width (F) mm		499	699	699	
Mounting plate height (G) mm		1696	1696	1896	
Model No.	1 pc(s).	5830.680	5831.680	5834.680	
Door(s)		1	1	1	

Accessories

Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.031	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.041	8640.041	8640.043	882
Levelling feet	4 pc(s).	4612.000	4612.000	4612.000	892
Comfort handle for lock insert	1 pc(s).	8611.020	8611.020	8611.020	938
Comfort handle for lock insert and padlock	1 pc(s).	8611.290	8611.290	8611.290	938
Comfort handle for profile half-cylinders	1 pc(s).	8611.070	8611.070	8611.070	938
Lock inserts		see page	see page	see page	941, 942
Punched section with mounting flange, 14 x 39 mm, for door	4 pc(s).	8619.720	8619.730	8619.730	952
Wiring plan pocket, depth 90 mm	1 pc(s).	4116.000	4118.000	4118.000	955
Door stay	5 pc(s).	4583.000	4583.000	4583.000	956
Adaptor rail VX to fit enclosure height	4 pc(s).	8617.750	8617.750	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth	4 pc(s).	8612.040	8612.040	8612.060	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth	4 pc(s).	8612.140	8612.140	8612.160	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾	4 pc(s).	8617.110	8617.110	8617.130	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾	4 pc(s).	8617.130	8617.140	8617.140	991
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.420	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

Rittal – The System.

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Console systems/ PC enclosure systems/ Industrial Workstations

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TopConsole system TP

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One-piece consoles TP

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Universal consoles TP

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PC enclosure systems

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Industrial Workstations

Combination options	166
IW enclosures and worktops	167



Console systems/PC enclosure systems/IW – Product comparison



	TopConsole system	One-piece consoles	
Version	Modular console system for operation and monitoring. The separate modules have independent lock systems.	One-piece console for operation and monitoring, with large mounting plate	
Protection category IP to IEC 60 529	IP 55	IP 55	
Protection category NEMA	NEMA 12	NEMA 12	
Service access	Console from the front, desk unit from above, pedestal from the front (for a depth of 500 mm from the front and rear)	From the front and above	
Lock system	Lock inserts may be replaced individually	Lock inserts may be replaced individually	
Installation options	Option for interior installation with bar systems on a 25 mm pitch pattern in all modules plus additional installation with partial mounting plates	Option for interior installation with bar systems on a 25 mm pitch patterns plus additional installation with partial mounting plates	
from page	153	161	

Console systems/PC enclosure systems/IW – Product comparison



	Universal consoles	PC enclosure systems	Industrial Workstations
	Enclosures with a high level of stability. The standard rear door provides free access to the continuous mounting plate. The mounting plate has a C-fold and is depth-adjustable on a 25 mm pitch pattern. The front may optionally be equipped with a short door and desk section or tall door.	Enclosure body folded from a single piece for a high level of stability. Continuous rear door for simple service access from the rear. High level of access protection thanks to an interior lock on the glazed door and lockable keyboard drawer. There are four versions with different operating concepts available to suit individual requirements.	Modular enclosure system for operation and monitoring. Five different enclosure variants may be combined into individual workstations with special worktops and command panels.
	IP 55	IP 55	IP 54/55
	NEMA 12	NEMA 12	NEMA 12
	From the front and rear	From the front and above	From the front and above
	Lock inserts may be replaced individually	Lock inserts may be replaced individually	Lock inserts may be replaced individually
	Option for interior installation with bar systems on a 25 mm pitch pattern. The desk unit may be designed as an operator console.	Option for interior installation with bar systems on a 25 mm pitch pattern. For the lower area, component shelves are available to accommodate computers, printers etc. plus a paper removal flap allowing the printer to be used without opening the door.	For the lower area, component shelves are available to accommodate computers, printers etc. plus a paper removal flap allowing the printer to be used without opening the door. The worktop may be extended with components from support arm system CP 60 and a command panel to create a complete workstation.
	162	164	166

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TopConsole system TP

Overview of installation components

- 1 Three-part assembly comprising:
 - Console
 - Desk unit
 - Pedestal
- 2 Two-part assembly comprising:
 - Desk unit
 - Pedestal
- 3 One-part assembly comprising:
 - Cover plate
 - Pedestal



TopConsole system TP



Fast planning and assembly

- Identical covers for the console and desk unit ensure straightforward engineering
- Individual installation with bar systems
- Simple installation of preassembled modules using partial mounting plates

Simple handling

- Simple one-handed operation and reliable latching of the lid stay in the topmost position
- Secure lock mechanism with end stop acknowledgement, suitable for all common lock inserts
- Stylishly finished with an aluminium strip (accessory) as a design or handle element on the cover

Flexible interior installation

- Rapid assembly of the mounting plate, simply insert and clip into place (400 mm construction depth)
- Depth-adjustable mounting plate (500 mm construction depth)
- Plenty of free space for individual configuration on the mounting plate
- Individual installation with bar systems
- Two-piece gland plates for simple cable entry



Enclosures



TopConsole system TP



System accessories Page 877 **Monitors, keyboards** Page 1109/1110 **Climate control** Page 449

Material:

- Enclosure: Sheet steel, 1.5 mm
- Door and console cover: Sheet steel, 2.0 mm, all-round foamed-in PU seal
- Mounting plate: Sheet steel 2.5 mm (depth 500 mm), 3.0 mm (depth 400 mm)

Surface finish:

- Enclosure, cover and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Zinc-plated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

Console

- Enclosure
- Cover hinged at bottom, including cover retainer
- Open base for individual cable entry

Desk section

- Enclosure
- Hinged cover, 2 stays with automatic latching, automatic unlatching on the left and manual unlatching on the right
- Opening for cable entry into the enclosure base

Pedestal

- Enclosure open at top
- Door or double door with locking rod (with depth 400 mm at the front, with depth 500 mm at the front and rear)
- Depth-adjustable mounting plate (with depth 500 mm)
- Gland plates

Approvals:

- UL
- cUL

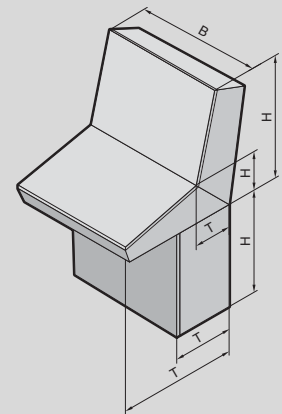
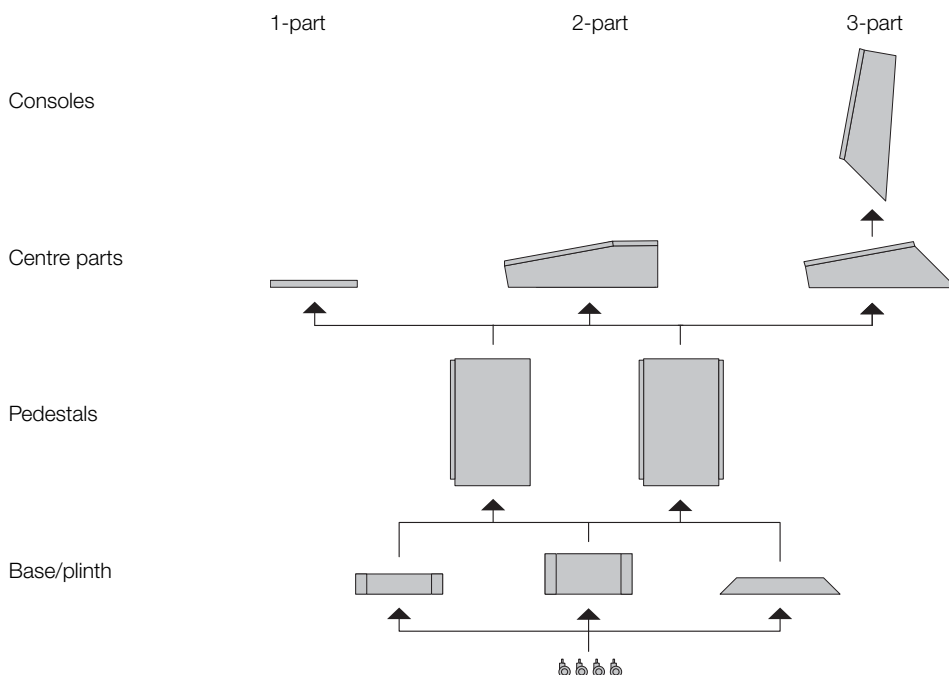
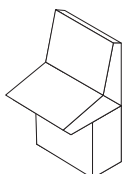
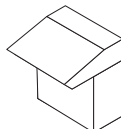
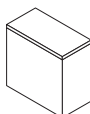


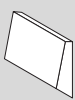
Photo shows a configuration example with equipment not included in the scope of supply

Combination options

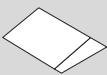


600 mm wide

							
	Configuration	3-part		2-part		1-part	
	Depth of pedestal in mm	400	500	400	500	400	500

Consoles						
	Height (H) mm	Packs of	720	–	–	Page
	Depth (T) mm		240	–	–	
	Model No.	1 pc(s).	6720.500	–	–	

Accessories						
Partial mounting plate, locatable	Width 200 mm	1 pc(s).	6730.310	–	–	982
	Width 500 mm	1 pc(s).	6730.330	–	–	982
Rail for interior installation	For width	4 pc(s).	5001.050	–	–	995

Centre parts						
	Height (H) mm	Packs of	235	235	–	Page
	Depth (T) mm		730	755	–	
	Model No.	1 pc(s).	6714.500	6710.500	–	

Accessories						
Rail for interior installation	For width	4 pc(s).	5001.050	5001.050	–	995

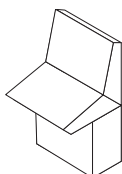
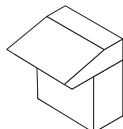
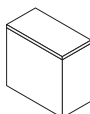
Cover plate							
	Height (H) mm	Packs of	–	–	27		Page
	Depth (T) mm		–	–	400	500	
	Model No.	1 pc(s).	–	–	5001.130	6730.100	163

Pedestals									
	Height (H) mm	Packs of	675	675	675	675	675	675	Page
	Depth (T) mm		400	500	400	500	400	500	
	Model No.	1 pc(s).	6700.600	6704.600	6700.600	6704.600	6700.600	6704.600	

Accessories									
Base/plinth corner pieces with base/plinth trim panels, front and rear	Height 100 mm	2 pc(s).	8640.002	8640.002	8640.002	8640.002	8640.002	8640.002	881
	Height 200 mm	2 pc(s).	8640.022	8640.022	8640.022	8640.022	8640.022	8640.022	881
Base/plinth trim panels, sides	Height 100 mm	2 pc(s).	8640.031	8640.032	8640.031	8640.032	8640.031	8640.032	882
	Height 200 mm	2 pc(s).	8640.041	8640.042	8640.041	8640.042	8640.041	8640.042	882
Cross member		2 pc(s).	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	891
Rail for interior installation	For height	4 pc(s).	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	995
Punched section with mounting flange, 17 x 73 mm	In the depth	4 pc(s).	8612.140	8612.150	8612.140	8612.150	8612.140	8612.150	992
Support strip	In the depth	20 pc(s).	4694.000	4695.000	4694.000	4695.000	4694.000	4695.000	994
Punched section with mounting flange, 17 x 73 mm	For door	4 pc(s).	8612.050	8612.050	8612.050	8612.050	8612.050	8612.050	992
Support strip	For door	20 pc(s).	4596.000	4596.000	4596.000	4596.000	4596.000	4596.000	952
Cable clamp rail		1 pc(s).	5001.080	5001.080	5001.080	5001.080	5001.080	5001.080	1059
Sheet steel wiring plan pockets		1 pc(s).	4116.500	4116.500	4116.500	4116.500	4116.500	4116.500	955
TP aluminium strip		1 pc(s).	6731.120	6731.120	6731.120	6731.120	–	–	163
Lock systems			from page	from page	from page	from page	from page	from page	935
LED system light			see page	see page	see page	see page	see page	see page	1014

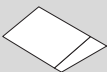
TopConsole system TP

800 mm wide

								
	Configuration	3-part		2-part		1-part		
	Depth of pedestal in mm	400	500	400	500	400	500	

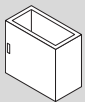
Consoles						
	Height (H) mm	Packs of	720	–	–	Page
	Depth (T) mm		240	–	–	
	Model No.	1 pc(s).	6721.500	–	–	

Accessories						
Partial mounting plate, locatable	Width 200 mm	1 pc(s).	6730.310	–	–	982
	Width 500 mm	1 pc(s).	6730.330	–	–	982
	Width 700 mm	1 pc(s).	6730.340	–	–	982
Rail for interior installation	For width	4 pc(s).	5001.051	–	–	995

Centre parts						
	Height (H) mm	Packs of	235	235	–	Page
	Depth (T) mm		730	755	–	
	Model No.	1 pc(s).	6715.500	6711.500	–	

Accessories						
Rail for interior installation	For width	4 pc(s).	5001.051	5001.051	–	995

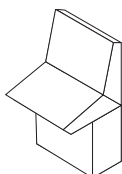
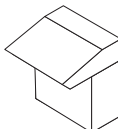
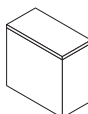
Cover plate						
	Height (H) mm	Packs of	–	–	27	Page
	Depth (T) mm		–	–	400 500	
	Model No.	1 pc(s).	–	–	5001.140 6730.110	163

Pedestals								
	Height (H) mm	Packs of	675	675	675	675	675	Page
	Depth (T) mm		400	500	400	500	400 500	
	Model No.	1 pc(s).	6701.600	6705.600	6701.600	6705.600	6701.600 6705.600	

Accessories									
Base/plinth corner pieces with base/plinth trim panels, front and rear	Height 100 mm	2 pc(s).	8640.003	8640.003	8640.003	8640.003	8640.003	8640.003	881
	Height 200 mm	2 pc(s).	8640.023	8640.023	8640.023	8640.023	8640.023	8640.023	881
Base/plinth trim panels, sides	Height 100 mm	2 pc(s).	8640.031	8640.032	8640.031	8640.032	8640.031	8640.032	882
	Height 200 mm	2 pc(s).	8640.041	8640.042	8640.041	8640.042	8640.041	8640.042	882
Cross member		2 pc(s).	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	891
Rail for interior installation	For height	4 pc(s).	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	995
Punched section with mounting flange, 17 x 73 mm	In the depth	4 pc(s).	8612.140	8612.150	8612.140	8612.150	8612.140	8612.150	992
Support strip	In the depth	20 pc(s).	4694.000	4695.000	4694.000	4695.000	4694.000	4695.000	994
Support strip	For door	20 pc(s).	4598.000	4598.000	4598.000	4598.000	4598.000	4598.000	952
Cable clamp rail		1 pc(s).	5001.081	5001.081	5001.081	5001.081	5001.081	5001.081	1059
Sheet steel wiring plan pockets		1 pc(s).	4118.500	4118.500	4118.500	4118.500	4118.500	4118.500	955
TP aluminium strip		1 pc(s).	6731.120	6731.120	6731.120	6731.120	–	–	163
Lock systems			from page	from page	from page	from page	from page	from page	935
LED system light			see page	see page	see page	see page	see page	see page	1014

TopConsole system TP

1200 mm wide

							
	Configuration	3-part		2-part		1-part	
	Depth of pedestal in mm	400	500	400	500	400	500

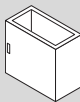
Consoles						
	Height (H) mm	Packs of	720	–	–	Page
	Depth (T) mm		240	–	–	
	Model No.	1 pc(s).	6722.500	–	–	

Accessories						
Partial mounting plate, locatable	Width 200 mm	1 pc(s).	6730.310	–	–	982
	Width 500 mm	1 pc(s).	6730.330	–	–	982
	Width 700 mm	1 pc(s).	6730.340	–	–	982
Rail for interior installation	For width	4 pc(s).	5001.053	–	–	995

Centre parts						
	Height (H) mm	Packs of	235	235	–	Page
	Depth (T) mm		730	755	–	
	Model No.	1 pc(s).	6716.500	6712.500	–	

Accessories						
Rail for interior installation	For width	4 pc(s).	5001.053	5001.053	–	995

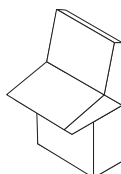
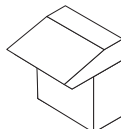
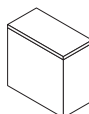
Cover plate						
	Height (H) mm	Packs of	–	–	27	Page
	Depth (T) mm		–	–	400 500	
	Model No.	1 pc(s).	–	–	5001.160 6730.120	163

Pedestals								
	Height (H) mm	Packs of	675	675	675	675	675	Page
	Depth (T) mm		400	500	400	500	400 500	
	Model No.	1 pc(s).	6702.600	6706.600	6702.600	6706.600	6702.600 6706.600	

Accessories									
Base/plinth corner pieces with base/plinth trim panels, front and rear	Height 100 mm	2 pc(s).	8640.007	8640.007	8640.007	8640.007	8640.007	8640.007	881
	Height 200 mm	2 pc(s).	8640.025	8640.025	8640.025	8640.025	8640.025	8640.025	881
Base/plinth trim panels, sides	Height 100 mm	2 pc(s).	8640.031	8640.032	8640.031	8640.032	8640.031	8640.032	882
	Height 200 mm	2 pc(s).	8640.041	8640.042	8640.041	8640.042	8640.041	8640.042	882
Cross member		2 pc(s).	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	891
Rail for interior installation	For height	4 pc(s).	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	995
Punched section with mounting flange, 17 x 73 mm	In the depth	4 pc(s).	8612.140	8612.150	8612.140	8612.150	8612.140	8612.150	992
Support strip	In the depth	20 pc(s).	4694.000	4695.000	4694.000	4695.000	4694.000	4695.000	994
Punched section with mounting flange, 17 x 73 mm	For door	4 pc(s).	8612.050	8612.050	8612.050	8612.050	8612.050	8612.050	992
Support strip	For door	20 pc(s).	4596.000	4596.000	4596.000	4596.000	4596.000	4596.000	952
Cable clamp rail		1 pc(s).	5001.083	5001.083	5001.083	5001.083	5001.083	5001.083	1059
Sheet steel wiring plan pockets		1 pc(s).	4116.500	4116.500	4116.500	4116.500	4116.500	4116.500	955
TP aluminium strip		1 pc(s).	6731.120	6731.120	6731.120	6731.120	–	–	163
Lock systems			from page	from page	from page	from page	from page	from page	935
LED system light			see page	see page	see page	see page	see page	see page	1014

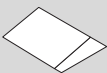
TopConsole system TP

1600 mm wide

							
	Configuration	3-part		2-part		1-part	
	Depth of pedestal in mm	400	500	400	500	400	500

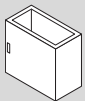
Consoles						
	Height (H) mm	Packs of	720	–	–	Page
	Depth (T) mm		240	–	–	
	Model No.	1 pc(s).	6723.500	–	–	

Accessories						
Partial mounting plate, locatable	Width 200 mm	1 pc(s).	6730.310	–	–	982
	Width 500 mm	1 pc(s).	6730.330	–	–	982
	Width 700 mm	1 pc(s).	6730.340	–	–	982
Rail for interior installation	For width	4 pc(s).	5001.054	–	–	995

Centre parts						
	Height (H) mm	Packs of	235	235	–	Page
	Depth (T) mm		730	755	–	
	Model No.	1 pc(s).	6717.500	6713.500	–	

Accessories						
Rail for interior installation	For width	4 pc(s).	5001.054	5001.054	–	995

Trim panel							
	Height (H) mm	Packs of	–	–	27		Page
	Depth (T) mm		–	–	400	500	
	Model No.	1 pc(s).	–	–	6730.030	6730.130	163

Pedestals									
	Height (H) mm	Packs of	675	675	675	675	675	675	Page
	Depth (T) mm		400	500	400	500	400	500	
	Model No.	1 pc(s).	6703.600	6707.600	6703.600	6707.600	6703.600	6707.600	

Accessories									
Base/plinth corner pieces with base/plinth trim panels, front and rear	Height 100 mm	2 pc(s).	8640.008	8640.008	8640.008	8640.008	8640.008	8640.008	881
	Height 200 mm	2 pc(s).	8640.026	8640.026	8640.026	8640.026	8640.026	8640.026	881
Base/plinth trim panels, sides	Height 100 mm	2 pc(s).	8640.031	8640.032	8640.031	8640.032	8640.031	8640.032	882
	Height 200 mm	2 pc(s).	8640.041	8640.042	8640.041	8640.042	8640.041	8640.042	882
Cross member		2 pc(s).	8601.450	8601.450	8601.450	8601.450	8601.450	8601.450	891
Rail for interior installation	For height	4 pc(s).	5001.050	5001.050	5001.050	5001.050	5001.050	5001.050	995
Punched section with mounting flange, 17 x 73 mm	In the depth	4 pc(s).	8612.140	8612.150	8612.140	8612.150	8612.140	8612.150	992
Support strip	In the depth	20 pc(s).	4694.000	4695.000	4694.000	4695.000	4694.000	4695.000	994
Support strip	For door	20 pc(s).	4598.000	4598.000	4598.000	4598.000	4598.000	4598.000	952
Cable clamp rail	Width 800 mm	1 pc(s).	5001.081	5001.081	5001.081	5001.081	5001.081	5001.081	1059
Sheet steel wiring plan pockets		1 pc(s).	4118.500	4118.500	4118.500	4118.500	4118.500	4118.500	955
TP aluminium strip		1 pc(s).	6731.120	6731.120	6731.120	6731.120	–	–	163
Lock systems			from page	from page	from page	from page	from page	from page	935
LED system light			see page	see page	see page	see page	see page	see page	1014



System accessories P. 877 **Monitors, keyboards** P. 1109/1110 **Climate control** P. 449 **One-piece consoles, stainless steel** P. 251

Material:

- Enclosure: Sheet steel, 1.5 mm
- Door and console cover: Sheet steel, 2.0 mm, all-round foamed-in PU seal
- Mounting plate: Sheet steel, 3.0 mm

Surface finish:

- Enclosure, cover and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Zinc-plated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

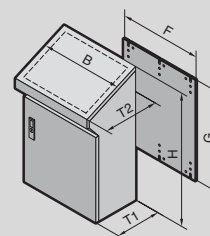
- NEMA 12

Supply includes:

- Enclosure, solid back and sides
- Door or double door at front, with locking rod
- Mounting plate
- Cover hinged at rear, 2 stays with automatic locking. Automatic unlocking on the left, manual unlocking on the right
- Gland plates

Approvals:

- UL
- cUL



Width (B) mm	Packs of	600	800	1000	1200	Page
Height (H) mm		975	975	975	975	
Depth, bottom (T1) mm		400	400	400	400	
Depth, top (T2) mm		520	520	520	520	
Mounting plate width (F) mm		530	730	930	1130	
Mounting plate height (G) mm		900	900	900	900	
Model No.	1 pc(s).	6746.600	6748.600	6740.600	6742.600	
Door(s)		1	1	2	2	

Accessories

Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.003	8640.005	8640.007	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.031	8640.031	8640.031	8640.031	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.023	8640.024	8640.025	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.041	8640.041	8640.041	8640.041	882
Cross member	2 pc(s).	8601.450	8601.450	8601.450	8601.450	891
TP aluminium strip	1 pc(s).	6731.120	6731.120	6731.120	6731.120	163
Rail for interior installation		see page	see page	see page	see page	995
Punched section with mounting flange, 17 x 73 mm		see page	see page	see page	see page	992
Cable clamp rails	1 pc(s).	5001.080	5001.081	5001.082	5001.083	1059
Sheet steel wiring plan pockets	1 pc(s).	4116.500	4118.500	4115.500	4116.500	955
LED system light		see page	see page	see page	see page	1014

Universal consoles TP



System accessories Page 877 **Monitors, keyboards** Page 1109/1110 **Climate control** Page 449

Material:

- Enclosure, gland plate: Sheet steel, 1.5 mm
- Door: Sheet steel, 2.0 mm
- Mounting plate: Sheet steel, 3.0 mm

Surface finish:

- Enclosure and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate and gland plates: Zinc-plated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

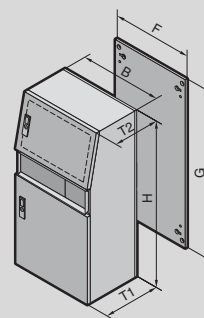
- Enclosure with door(s)
- Mounting plate
- Gland plates

Note:

- For universal console with short front door: The desk section should be fitted in order to maintain the protection category

Approvals:

- UL
- CSA
- TÜV
- Russian Maritime Register of Shipping



				
Version	Packs of	With short front door	With tall front door	Page
Width (B) mm		600	600	
Height (H) mm		1300	1300	
Depth, bottom (T1) mm		500	500	
Depth, top (T2) mm		417.5	417.5	
Mounting plate width (F) mm		499	499	
Mounting plate height (G) mm		1196	1196	
Model No.	1 pc(s).	2694.500	2695.500	
Weight kg		77.0	80.0	
Also required				
Desk section	1 pc(s).	2696.500	–	163
Accessories				
Base/plinth, complete	1 pc(s).	2807.200	2807.200	890
Cross member	2 pc(s).	8601.450	8601.450	891
Cable clamp rail	2 pc(s).	5001.080	5001.080	1059
Lock systems		from page	from page	935

TopConsole system TP

Accessories

TP aluminium strip

For retrospective external mounting on TP desk units, consoles and one-piece consoles.

Applications:

- TP three-part/two-part
- One-piece consoles TP
- May be mounted on all enclosures/covers with 20 mm fold height (max. metal thickness 2 mm)

Installation options:

- Easily cut to length for other sizes
- 3 x width 600 mm
- 2 x width 800 mm
- 1 x width 1000 mm + 1 x width 600 mm
- 1 x width 1200 mm
- 1 x width 1600 mm

Material:

- Extruded aluminium section
- Cover caps: Plastic

Surface finish:

- Aluminium extruded section: Natural anodised

Colour:

- Cover caps: RAL 7035

Length mm	Model No.
1750	6731.120

Supply includes:

- 1 aluminium section
- 6 plastic cover caps
- Drilling template
- Assembly parts



Enclosures

Cover plate

for TP

As cover for a TP pedestal.

Material:

- Sheet steel

Surface finish:

- Textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

- Assembly parts

For enclosure		Model No.
Width mm	Depth mm	
600	400	5001.130
800	400	5001.140
1200	400	5001.160
1600	400	6730.030
600	500	6730.100
800	500	6730.110
1200	500	6730.120
1600	500	6730.130



Desk section

for TP universal console

For installing display and control components and a keyboard. Closed at the side and front. Cover plates for top and bottom.

Material:

- Sheet steel

Surface finish:

- Dipcoat-primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

- Assembly parts

Height mm	Model No.
200	2696.500



PC enclosure systems



Lock systems Page 934 Climate control Page 449 PC enclosure system, stainless steel Page 252 System accessories Page 877

Secure accommodation of all PC components, from monitors, to PCs, to keyboards. For ultimate ease of operation in a modern design. Perfect protection from humidity and dirt, temperature fluctuations and unauthorised access.

Material:

- Enclosure, door, rear door, mounting compartment, supports: Sheet steel
- Handles, decorative trim panels: Plastic
- Door trim panel: Aluminium
- Viewing window: Single-pane safety glass

Surface finish:

- Enclosure and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting compartment, support: Powder-coated

Colour:

- Enclosure, door, decorative trim panels, supports: RAL 7035
- Handle: RAL 7015
- Monitor panel, door centre part: RAL 7015

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

- Enclosure, door, rear door
- Please note the product-specific scope of supply.

Approvals:

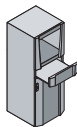
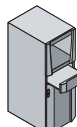
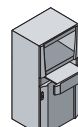
- UL
- cUL

Width 600 mm

Width mm	Packs of	600	600	600	600	Page
Height mm		1600	1600	1600	1600	
Depth mm		636	636	636	636	
Product-specific scope of supply						
Glazed door, top		■	■	■	■	
Keyboard drawer		■	–	–	■	
Component shelf		■	■	■	■	
Fold-out keyboard tray		–	■	–	–	
Desk section		–	–	■	–	
Mounting compartment, small		–	–	–	■	
Model No.	1 pc(s).	5366.050	5366.150	5366.250	5366.350	
Max. keyboard dimensions (W x H x D) mm		480 x 70 x 260	497 x 50 x 250 497 x 60 x 200	540 x 40 x 175	480 x 70 x 260	
Weight kg		101.4	98.0	95.5	95.5	
Accessories						
Base/plinth, stationary	1 pc(s).	8800.920	8800.920	8800.920	8800.920	890
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.002	8640.002	8640.002	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.033	8640.033	8640.033	882
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.022	8640.022	8640.022	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.043	8640.043	8640.043	881
Partial mounting plates ¹⁾	1 pc(s).	8617.550	8617.550	8617.550	8617.550	975
Component shelf, pull-out	1 pc(s).	6902.960	6902.960	6902.960	6902.960	1007
Drawer tray	1 pc(s).	6902.700	6902.700	6902.700	6902.700	1007
Paper removal flap	1 pc(s).	6903.200	6903.200	6903.200	6903.200	1116

¹⁾ The adaptor rail for VX compatibility is required for the installation, see page 995

Width 600 – 800 mm

					
Width mm	Packs of	600	600	800	Page
Height mm		1600	1600	1600	
Depth mm		636	836	636	
Product-specific scope of supply					
Keyboard drawer		■	■	■	
Mounting compartment, large		■	–	–	
Glazed door, top		–	■	■	
Component shelf		–	■	■	
Model No.	1 pc(s).	5366.450	5368.050	5386.050	
Max. keyboard dimensions (W x H x D) mm		480 x 70 x 260	480 x 70 x 260	480 x 70 x 260	
Weight kg		97.5	111.0	117.6	
Accessories					
Base/plinth, stationary	1 pc(s).	8800.920	–	–	890
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8640.002	8640.002	8640.003	881
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8640.033	8640.034	8640.033	881
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8640.022	8640.022	8640.023	881
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8640.043	8640.044	8640.043	881
Partial mounting plates ¹⁾	1 pc(s).	8617.550	8617.550	8617.580	975
Component shelf, pull-out	1 pc(s).	6902.960	6902.980	–	1007
Drawer tray	1 pc(s).	6902.700	6902.700	–	1007
Paper removal flap	1 pc(s).	6903.200	6903.200	6903.200	1116

¹⁾ The adaptor rail for VX compatibility is required for the installation, see page 995

Industrial Workstations



System accessories Page 877 **Comfort Panel** Page 172 **Optipanel** Page 174 **TFT monitor** Page 1109

Material:

- Enclosure, roof, drawer tray, designer door, rear wall and rear door: Sheet steel
- Worktop: Chipboard, plastic-laminated on both sides (edging)
- Handle: Aluminium, powder-coated

Surface finish:

- Enclosure: Dipcoat-primed, powder-coated on the outside, textured paint

Farbe:

- Enclosure, worktop: RAL 7035
- Worktop edge strip: RAL 7015
- Worktop handle: RAL 9006

Protection category:

- See table

Supply includes:

Available on the Internet

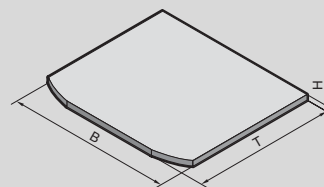
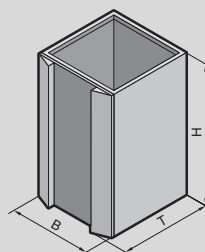
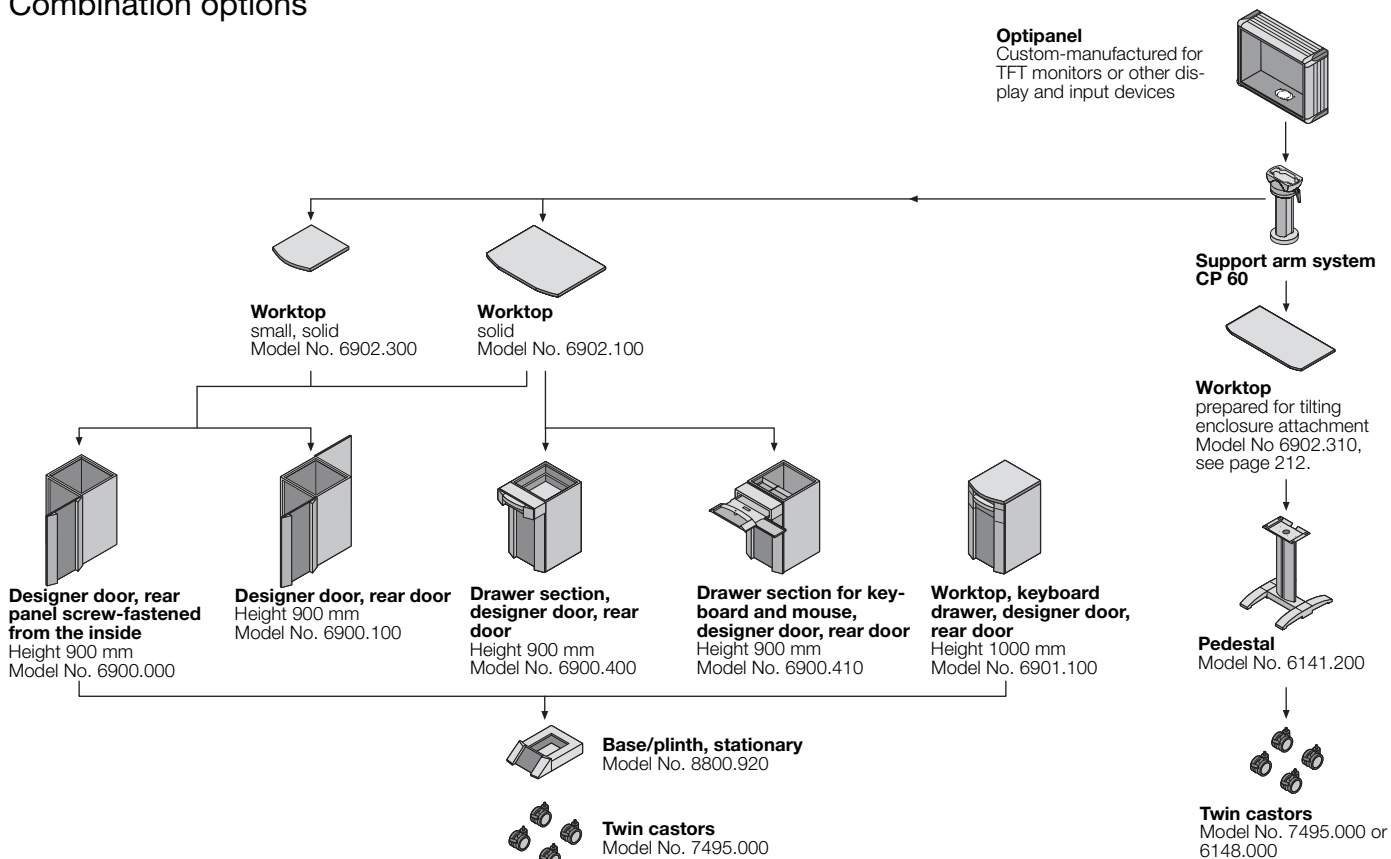


Photo shows a configuration example with equipment not included in the scope of supply

Combination options



IW enclosures and worktops

Enclosure										Page	
Version					Designer door, rear panel screw-fastened from the inside	Designer door, rear door	Drawer section, designer door, rear door	Drawer section for keyboard and mouse, designer door, rear door	Worktop, key-board drawer, designer door, rear door		
Width (B) mm					600	600	600	600	600		
Height (H) mm					900	900	900	900	1000		
Depth (T) mm					600	600	600 (890)	600 (890)	645		
Weight (kg)					54.9	59.9	73	73	91		
Model No.					6900.000	6900.100	6900.400	6900.410	6901.100		
Protection category IP to IEC 60 529					IP 55			IP 54			
Protection category NEMA					NEMA 12			NEMA 12			
	Width (B) mm	Height (H) mm	Depth (T) mm	Weight kg	Model No.						
Worktops											
	610	38	645	11.6	6902.300	6902.300	–	–	■		
	1000	38	895	24	6902.100	6902.100	6902.100	6902.100	–		
Accessories					Packs of						
Base/plinth, stationary					1 pc(s).	8800.920	8800.920	8800.920	8800.920	8800.920	890
Cross member, adjustable					2 pc(s).	8601.680	8601.680	8601.680	8601.680	–	891
Twin castors					4 pc(s).	7495.000	7495.000	7495.000	7495.000	7495.000	893
Handle adaptor for comfort handle					1 pc(s).	8611.300	8611.300	–	–	–	918
Cable gland					1 pc(s).	6902.770	6902.770	6902.770	6902.770	6902.770	1046
Partial mounting plate VX for enclosure width 600 mm ¹⁾					1 pc(s).	see page	see page	see page	see page	see page	975
Component shelf, static installation					1 pc(s).	8800.900	8800.900	8800.900	8800.900	8800.900	1007
Component shelf, pull-out					1 pc(s).	6902.960	6902.960	6902.960	6902.960	6902.960	1007
Drawer tray					1 pc(s).	6902.700	6902.700	6902.700	6902.700	6902.700	1007
Paper removal flap					1 pc(s).	6903.200	6903.200	6903.200	6903.200	6903.200	1116
Support arm systems						see page	see page	see page	see page	see page	183
Operating housings						see page	see page	see page	see page	see page	169

¹⁾ The adaptor rail for VX compatibility is required for the installation, see page 995

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Operating housings/ support arm systems/ stand systems

Comfort Panel

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Optipanel

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Operating housings AX

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Operating housings AX with handle strips	178
Operating housing AX for desktop TFT up to 24"	180

Compact Panel

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Compact Panel	181

Support arm systems

Support arm systems, overview	183
Support arm system CP 40, steel	185
Support arm system CP 40, stainless steel	188
Support arm system CP 60	193
Support arm system CP 120	197
Support arm system CP 180	201
Support section, height-adjustable	205
Accessories	207

Stand systems

Pedestal, modular	211
Pedestal, complete	212
Pedestal, open/pillar, small	213
Accessories	214

Operating housings – Product comparison



		Comfort Panel	Optipanel	
Design		Enclosure made from extruded aluminium section with cooling fins for optimum passive cooling	Enclosure made from extruded aluminium section	
Protection category IP to IEC 60 529		IP 65	IP 65	
Protection category NEMA		NEMA 12	NEMA 12	
No. of sizes		7 standard sizes available off the shelf	7 standard sizes available off the shelf	
Support arm connection	Cross-section	□ 120 x 65 mm up to depth 74 mm, Ø 130 mm from depth 152 mm	□ 120 x 65 mm depth 100 mm, Ø 130 mm depth 150 mm	
	Quantity/ position	1/top Bottom by rotating the enclosure	1/top Bottom by rotating the enclosure	
Servicing access		From the rear, depending on the enclosure, hinged or screw-fastened; with the screw-fastened rear panel, the front flips open	From the rear, hinged rear panel	
Lock system		Lock inserts may be replaced individually	Lock inserts may be replaced individually	
Equipment		Prepared for the direct mounting of standard machine controllers and industrial PCs with corresponding screw clamps; all-round mounting channels integrated into the section for individual mounting of accessory components	Prepared for the direct mounting of standard machine controllers and industrial PCs with corresponding screw clamps	
from page		172	174	

Operating housings – Product comparison



	Operating housings AX with handle strips	Operating housing AX for desktop TFT	Compact Panel
	Enclosure made from sheet steel and front panel made from aluminium	Sheet steel enclosure and viewing panel made from 3 mm single-pane safety glass	Roof and base tray made from die-cast zinc, powder-coated, side panels made from extruded aluminium section, powder-coated
	IP 55	IP 65	IP 65
	NEMA 12	NEMA 12	NEMA 12
	10 standard sizes available off the shelf	1 standard size available off the shelf	4 standard sizes available off the shelf
	Ø 130 mm	Ø 130 mm	□ 90 x 71 mm for CP 40, steel, the enclosure may optionally be mounted directly on a rotatable wall mounting
	1/top Bottom by rotating the enclosure, optional off-centre support arm connection, pre-formed	1/top Bottom by rotating the enclosure, optional off-centre support arm connection, pre-formed	1/top Bottom by rotating the enclosure
	Depends on the enclosure, from the front or rear	From the rear	From the rear, hinged rear panel
	Lock inserts may be replaced individually	Lock inserts may be replaced individually	Screw-fastened
	Interior installation bracket with system punchings for configuration with punched sections with mounting flanges 14 x 39 mm on a 25 mm pitch pattern. Simple machining of the front panel for installing machine controllers, industrial PCs or switches.	Retainer for desktop TFT with VESA 75/100 locator up to 24" in the formats 16:9/16:10	The customer's own front panels (2 – 6 mm) are easily inserted from the rear and secured with screw clamps
	178	180	181

Comfort Panel



System accessories Page 877 **Support arm systems** Page 183 **Stand systems** Page 211 **Industrial Workstations** Page 166

Material:

- Enclosure:
Extruded aluminium section
- Corner pieces: Die-cast zinc
- Corner protectors: Plastic

Colour:

- Enclosure: Natural anodised
- Corner pieces: RAL 7035
- Corner protectors: similar to RAL 7024

Protection category IP to IEC 60 529:

- IP 65

Protection category NEMA:

- NEMA 12

Supply includes:

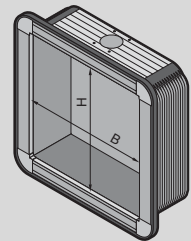
- Seals and assembly parts for front panels

Note:

- The support arm connection may be swapped over by rotating the enclosure

Approvals:

- UL
- cUL



For front panel width (B) mm	Packs of	520			520		520		Page
For front panel height (H) mm		400			500		600		
Installation depth mm		74	152	191	152	191	152	191	
Model No.	1 pc(s).	6372.541	6372.542	6372.543	6372.552	6372.553	6372.562	6372.563	
Weight kg		7.8	11.7	13.8	12.3	15.2	13.5	16.7	

Design

Support arm connection □ 120 x 65 mm		■	–	–	–	–	–	–	
Support arm connection Ø 130 mm		–	■	■	■	■	■	■	
Hinged rear panel on the long side, with screw lock		■	–	–	–	–	–	–	
Hinged rear panel on the hinged long side, with cam ¹⁾		–	■	–	■	–	■	–	
Screw-fastened rear panel ²⁾		–	–	■	–	■	–	■	

Accessories

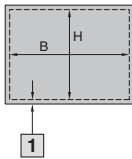
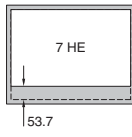
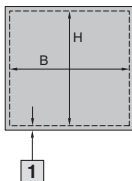
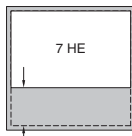
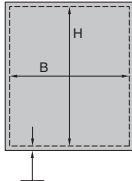
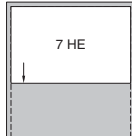
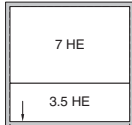
Front panel	1 pc(s).	6028.014	6028.014	6028.014	6028.015	6028.015	6028.016	6028.016	1107
Cover plate for support arm connection	1 pc(s).	6505.100	6505.500	6505.500	6505.500	6505.500	6505.500	6505.500	1107
Mounting bracket for interior installation	4 pc(s).	6205.100	6205.100	6205.100	6205.100	6205.100	6205.100	6205.100	1000
Spring nut M5	50 pc(s).	6108.000	6108.000	6108.000	6108.000	6108.000	6108.000	6108.000	1003
Earthing plate	1 pc(s).	2570.500	2570.500	2570.500	2570.500	2570.500	2570.500	2570.500	1034

¹⁾ With 3 mm double-bit lock insert, may be exchanged for 41 mm lock inserts, version C, see page 941,

plastic handles and T handles, version C, see page 942, 943

²⁾ Enclosure hinged at the front with side double-bit lock insert, may be exchanged for 41 mm lock inserts, version C, see page 941, plastic handles and T handles, version C, see page 942, 943

Configuration examples

Front panel height mm	Cut-out dimensions						
400							
	B = 484 mm H = 364 mm 1 = 18 mm all-round for attaching the front panel						
500							
	B = 484 mm H = 464 mm 1 = 18 mm all-round for attaching the front panel						
600							
	B = 484 mm H = 564 mm 1 = 18 mm all-round for attaching the front panel						
	↓ Free space, available for individual installed equipment such as rows of switches etc. ↑						

HE = U

Optipanel



System accessories Page 877 **Support arm systems** Page 183 **Stand systems** Page 211 **Industrial Workstations** Page 166

Material:

- Enclosure: Extruded aluminium section
- Corner pieces: Die-cast zinc
- Corner protector: Plastic

Colour:

- Enclosure: Natural anodised
- Corner pieces: RAL 7035
- Corner protectors: similar to RAL 7024

Protection category IP to IEC 60 529:

- IP 65

Protection category NEMA:

- NEMA 12

Supply includes:

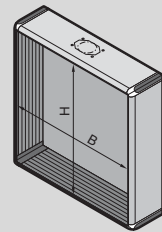
- Seals

Note:

- The support arm connection may be swapped over by rotating the enclosure

Approvals:

- UL
- cUL



For front panel width (B) mm	Packs of	430	482.6	482.6	520	520	520	Page
For front panel height (H) mm		343	310.3	354.8	400	500	600	
Installation depth mm		100	100	100	100	150	150	
Model No.	1 pc(s).	6380.020¹⁾	6380.000	6380.040¹⁾	6380.400	6380.410	6380.510	6380.610
Weight kg		5.3	6.2	6.6	5.8	7.3	8.3	9.2

Design

Support arm connection □ 120 x 65 mm		■	■	■	■	–	–	–
Support arm connection Ø 130 mm		–	–	–	–	■	■	■
Hinged rear panel on the hinged long side ²⁾		■	■	■	■	■	■	■
Seals and assembly parts for front panels		–	–	–	■	■	■	■

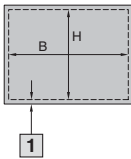
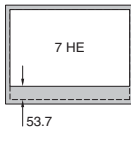
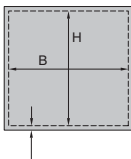
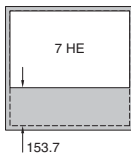
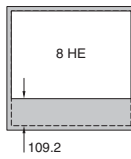
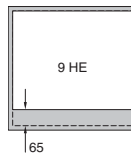
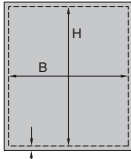
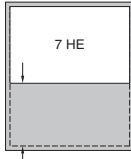
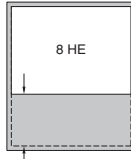
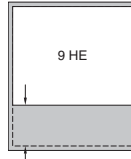
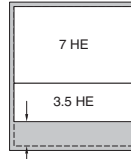
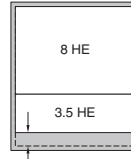
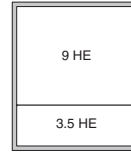
Accessories

Front panel	1 pc(s).	–	6028.010	–	6028.014	6028.014	6028.015	6028.016	1107
Cover plate for support arm connection	1 pc(s).	6505.100	6505.100	6505.100	6505.100	6505.500	6505.500	6505.500	1107
Handle set, horizontal	1 pc(s).	–	6385.010	6385.010	–	–	–	–	1103
Mounting bracket for interior installation	4 pc(s).	6205.100	6205.100	6205.100	6205.100	6205.100	6205.100	6205.100	1000
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Earthing plate	1 pc(s).	2570.500	2570.500	2570.500	2570.500	2570.500	2570.500	2570.500	1034
Spring nut M5	50 pc(s).	6108.000	6108.000	6108.000	6108.000	6108.000	6108.000	6108.000	1003

¹⁾ To fit TFT monitors, see page 1109

²⁾ With 3 mm double-bit lock insert, may be exchanged for 41 mm lock inserts, version C, see page 941, plastic handles and T handles, version C, see page 942, 943

Configuration examples

Front panel height mm	Cut-out dimensions						
400							
	B = 484 mm H = 364 mm 1 = 18 mm all-round for attaching the front panel						
500							
	B = 484 mm H = 464 mm 1 = 18 mm all-round for attaching the front panel						
600							
	B = 484 mm H = 564 mm 1 = 18 mm all-round for attaching the front panel						
	↓ ↑ Free space, available for individual installed equipment such as rows of switches etc.						

HE = U

Operating housings AX with handle strips



Uniform system in design and function

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

Convenience in perfection

- Integral interior installation bracket with system punchings, to match 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, pre-formed 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 AX with handle strips



System accessories Page 877 Support arm system Page 183 Stand systems Page 211 Operating housings with door, stainless steel Page 254

Material:

- Enclosure: Sheet steel
- Door: Sheet steel, all-round foamed-in PU seal
- 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
- Cover caps: similar to RAL 7024

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

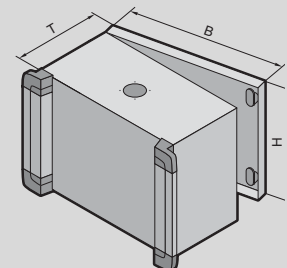
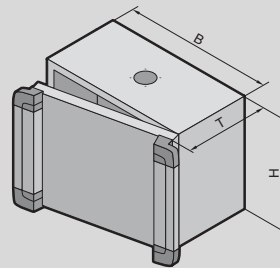
- NEMA 12

Supply includes:

- Enclosure with door, 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
- Integral interior installation bracket with system punchings
- Cam lock with 3 mm double-bit insert

Note:

- The support arm connection and door hinge may be swapped over by rotating the enclosure
- Optional: Support arm connection Ø 130 mm, pre-formed off-centre in the reinforcement plate, easily drilled out
- Lock systems for servicing access from the rear: Lock insert may be exchanged for mini-comfort handle AX, 27 mm lock inserts, type A
- Lock systems for servicing access from the front: Lock insert may be exchanged for 27 mm lock inserts, type A



Approvals:

- UL
- cUL

Operating housing AX with handle strips

Width (B) mm	Packs of	300	300	380	380	380	Page
Height (H) mm		200	300	300	380	380	
Depth (T) mm		155	210	210	210	210	
Model No.	1 pc(s).	6320.050	6315.150	6315.250	6315.350	6320.350	
Weight, approx. kg		4.5	7.0	7.5	9.8	9.8	
Servicing access	from the rear	■	–	–	–	■	
	from the front	–	■	■	■	–	

Accessories

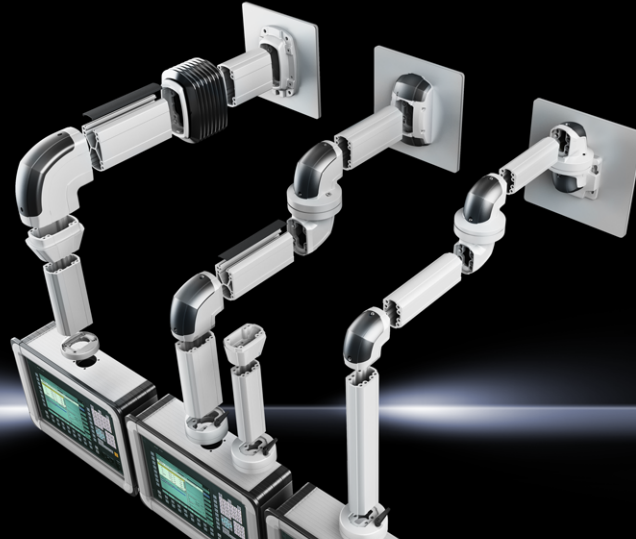
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	–	–	–	8619.700	8619.700	990
Punched section with mounting flange 14 x 39 mm, installation in the width	4 pc(s).	8619.700	8619.700	–	–	–	990
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Mounting bracket for interior installation	4 pc(s).	6205.100	6205.100	6205.100	6205.100	6205.100	1000
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock inserts		see page	see page	see page	see page	see page	941, 942
Earth straps		see page	see page	see page	see page	see page	1033

Width (B) mm	Packs of	500	500	600	600	600	Page
Height (H) mm		500	500	380	600	600	
Depth (T) mm		210	210	210	210	210	
Model No.	1 pc(s).	6315.450	6320.450	6320.550	6320.650	6315.650	
Weight, approx. kg		16.8	16.8	15.4	18.8	22.8	
Servicing access	from the rear	–	■	■	■	–	
	from the front	■	–	–	–	■	

Accessories

Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.710	8619.710	8619.700	8619.720	8619.720	990
Punched section with mounting flange 14 x 39 mm, installation in the width	4 pc(s).	8619.720	8619.720	8619.760	8619.760	8619.760	990
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Mounting bracket for interior installation	4 pc(s).	6205.100	6205.100	6205.100	6205.100	6205.100	1000
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock inserts		see page	see page	see page	see page	see page	941, 942
Earth straps		see page	see page	see page	see page	see page	1033

Rittal – The System.



Support arm system CP 60/120/180

see page 183

Operating housing AX for desktop TFT up to 24"



System accessories Page 877 **Support arm systems** Page 183 **Stand systems** Page 211

For the installation of commercially available desktop TFTs with a screen diagonal of up to 24" in the formats 16:9/16:10.

Material:

- Enclosure: Sheet steel
- Door: Sheet steel, all-round foamed-in PU seal
- Handle strips: Aluminium
- Cover caps: Plastic
- Viewing window: Single-pane safety glass
- TFT holder: Sheet steel

Surface finish:

- Enclosure and door: Powder-coated on the outside, textured paint
- Handle strip: Natural anodised

Colour:

- Enclosure and door: RAL 7035
- Cover caps: similar to RAL 7024

Protection category IP to IEC 60 529:

- IP 65

Protection category NEMA:

- NEMA 12

Supply includes:

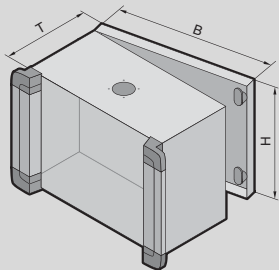
- Enclosure with door, cut-out and reinforcement for support arm connection Ø 130 mm
- Viewing window, single-pane safety glass
- Holder for desktop TFT with VESA 75/100 locator
- Side handle strips and cover caps
- Rear door with r/h hinge
- Cam lock with 3 mm double-bit insert

Note:

- The support arm connection and door hinge may be swapped over by rotating the enclosure
- Optional: Support arm connection Ø 130 mm, pre-formed off-centre in the reinforcement plate, easily drilled out
- Lock insert may be exchanged for mini-comfort handle AX, 27 mm lock inserts, type A

Approvals:

- UL
- cUL



Width (B) mm	Packs of	650	Page
Height (H) mm		450	
Depth (T) mm		155	
Model No.	1 pc(s).	6321.050	
Weight, approx. kg		18,0	
Cam lock		2	
Accessories			
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	940
Mini-comfort handle AX for padlock and lock inserts or profile half-cylinders	1 pc(s).	2537.300	940
Lock inserts		see page	941, 942



System accessories Page 877 **Support arm systems** Page 183 **Stand systems** Page 211

For small operating units built into front panels. The front panel is inserted from the rear and secured with screw clamps. Special front panels with a material thickness of between 2 and 6 mm are possible. Rear panel optionally hinged on the left or right. Roof tray with cut-out and reinforcement for support arm system CP 40 steel.

Design:

- With support arm connection 90 x 71 mm for CP 40, steel

Material:

- Roof tray, base tray: Die-cast zinc
- Rear panel: Aluminium
- Side parts: Extruded aluminium section
- Screw cover: Plastic

Surface finish:

- Roof tray, base tray, side parts: Powder-coated
- Rear panel: natural anodised

Colour:

- RAL 7024

Protection category IP to

IEC 60 529:

- IP 65

Protection category NEMA:

- NEMA 12

Supply includes:

- Roof tray
- Base tray
- Rear panel
- Side parts
- Screw cover
- Seal and screw clamp

Width mm	Packs of	241	241	315	315	Page
Height mm		238	388	238	388	
Depth mm		87	87	87	87	
To fit front panel width mm		178	178	252	252	
To fit front panel height mm		200	350	200	350	
Model No.	1 pc(s).	6340.000	6340.100	6340.300	6340.400	
Weight kg		2.8	3.8	3.4	4.5	
Accessories						
Front panel	1 pc(s).	6028.500	6028.510	6028.530	6028.540	1107
Wall mounting bracket	2 pc(s).	6341.000	6341.000	6341.000	6341.000	969
Spring nut M5	50 pc(s).	6108.000	6108.000	6108.000	6108.000	1003
Cover plate	1 pc(s).	6505.200	6505.200	6505.200	6505.200	1107

Rittal – The System.

Faster – better – everywhere.



Support arm systems

Support arm system CP 40

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Support arm system CP 60

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Support arm system CP 120

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Support section CP 120	198
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Support arm system CP 180

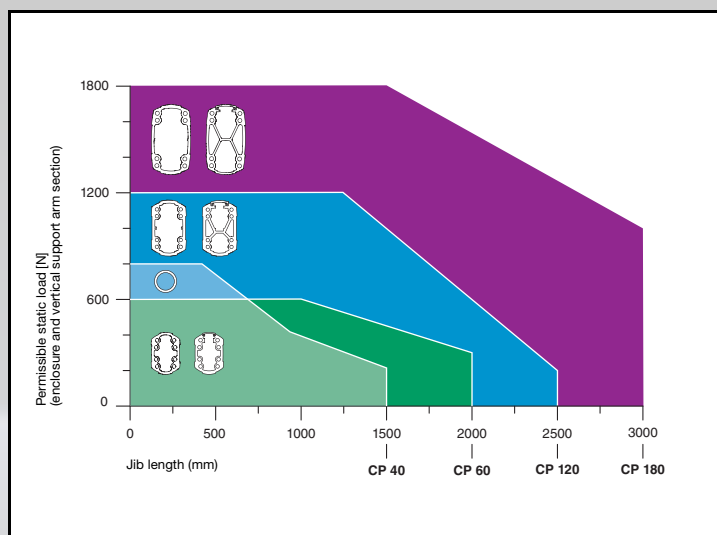
Component overview.....	201
Support section CP 180	202
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Support arm system CP

Support section, height-adjustable	206
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Load information

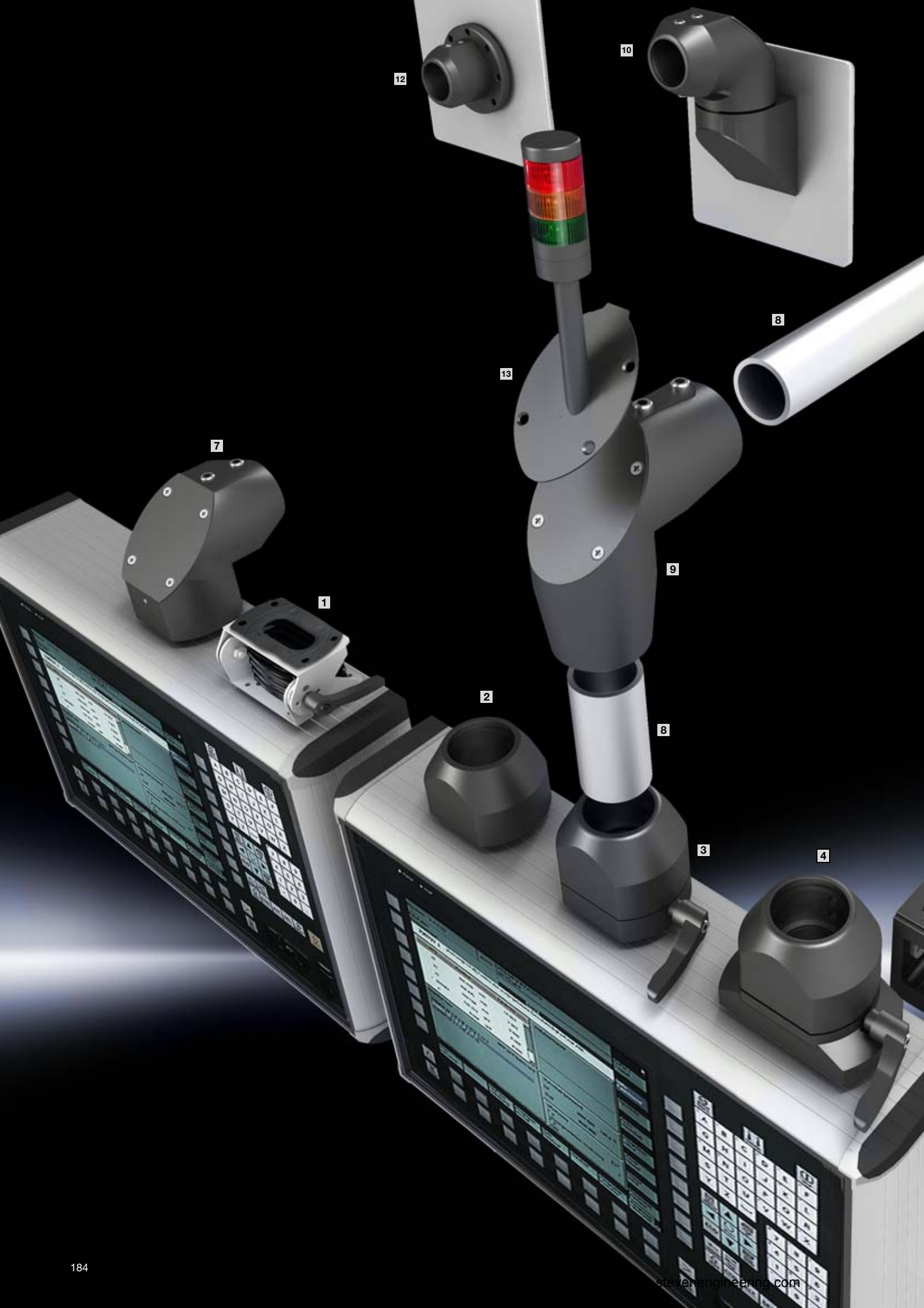
Comparison of support arm systems



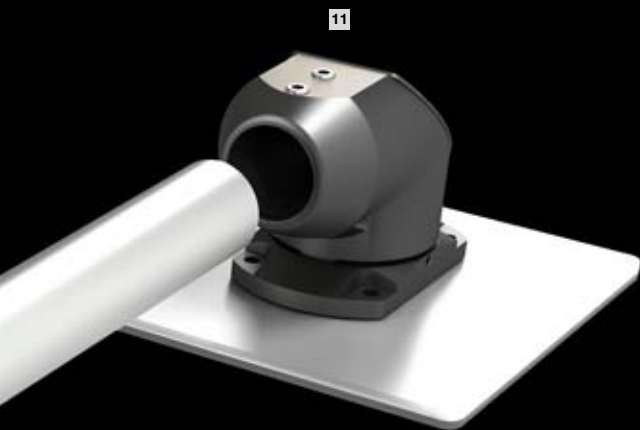
Support arm configurator

The support arm configurator determines the correct support arm system according to user-specific parameters.

More detailed information can be found at: www.rittal.com



Support arm system CP 40, steel

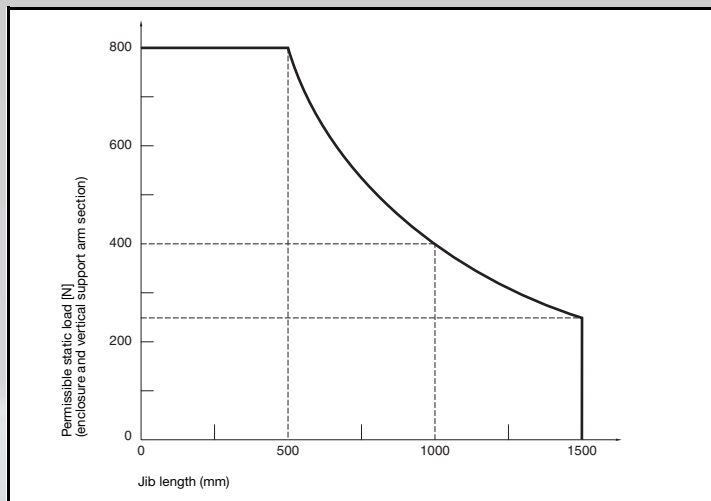


Component overview

- 1 Tilting adaptor +100/-60° for support arm connection □ 120 x 65 mm/
□ 90 x 71 mm (6206.460)
- 2 Attachment CP 40, steel, for support arm connection □ 90 x 71 mm
(6501.070)
- 3 Coupling CP 40, steel, for support arm connection □ 90 x 71 mm
(6501.050)
- 4 Coupling CP 40, steel, for support arm connection □ 120 x 65 mm
(6501.130)
- 5 Connection console VESA 75/100 for support arm connection
□ 120 x 65 mm (6206.480)
- 6 Connection console for support arm connection □ 120 x 65 mm
(6206.490)
- 7 Angle coupling 90° CP 40, steel (6501.120)
- 8 Support section CP 40, steel (6501.000, 6501.020)
- 9 Angle piece 90° CP 40, steel (6501.140)
- 10 Wall-mounted hinge CP 40, steel (6501.150)
- 11 Top-mounted joint CP 40, steel (6501.160)
- 12 Wall/base mounting bracket CP 40, steel (6501.110)
- 13 Mounting components CP 40, steel, for signal pillar (2375.030)

Load information

When using support arm system CP 40, steel in conjunction with support arm system CP 60 (in the horizontal run of the system), the load diagram for support arm system CP 60 applies.



Support arm system CP 40, steel



Comfort Panel Page 172 **Optipanel** Page 174 **Compact Panel** Page 181 **Operating housings AX with handle strips** Page 178

Support section CP 40, steel

Attached to the connection components via 2 clamping screws

Size:

- Outer diameter: 48.3 mm
- Wall thickness: 4.0 mm

Material:

- Steel conduit, powder-coated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

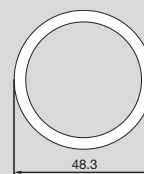
- IP 54

Supply includes:

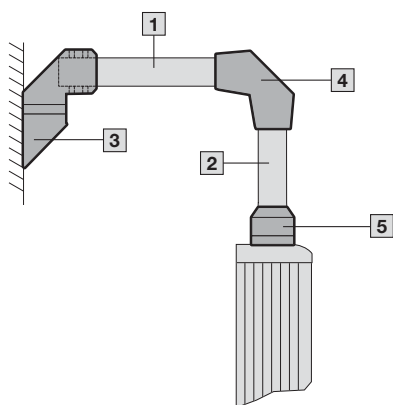
- Support section, steel

Note:

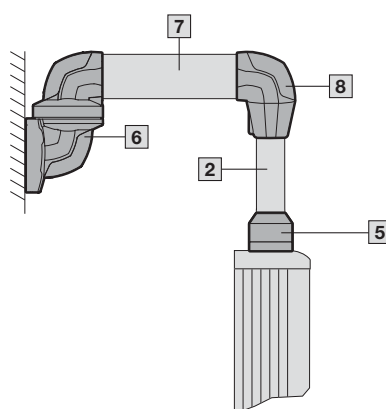
- Stainless steel, see page 188



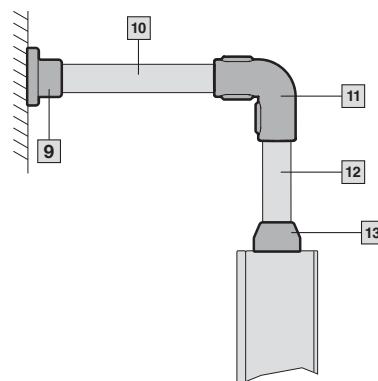
Integral adjustment facility



Combination with support arm system CP 60

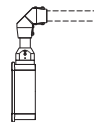
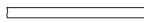
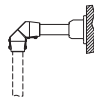
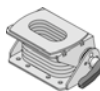


Also available in stainless steel version, see page 188



- 1** Support section CP 40, steel, 1000 mm (6501.020)
- 2** Support section CP 40, steel, 500 mm (6501.000)
- 3** Wall-mounted hinge CP 40, steel (6501.150)
- 4** Angle piece 90° CP 40, steel (6501.140)
- 5** Coupling CP 40, steel (6501.050)
- 6** Wall-mounted hinge CP 60 (6206.740)
- 7** Support section CP 60, 1000 mm (6206.100)
- 8** Angle adaptor 90° for support arm combination CP 60/40 (6206.640)
- 9** Wall/base mounting bracket, rigid, CP 40, stainless steel (6663.000)
- 10** Support section CP 40, stainless steel, 1000 mm (6660.010)
- 11** Angle piece 90° CP 40, stainless steel (6664.300)
- 12** Support section CP 40, stainless steel, 500 mm (6660.050)
- 13** Housing coupling CP 40, stainless steel (6664.000)

Support arm system CP 40, steel

		Rotating/tilting	Rigid	Length mm	Weight kg	Colour RAL	Enclosure section 	Desk section 	Wall section 
Model No.									
Tilting adaptor +100/-60° for support arm connection ☐ 120 x 65 mm/ ☐ 90 x 71 mm									
	see page 209	■	-	-	0.8	7035/ 7024	6206.460	-	-
Attachment CP 40, steel, for support arm connection ☐ 90 x 71 mm									
		-	■	-	1.0	7024	6501.070	-	-
Coupling CP 40, steel, for support arm connection ☐ 90 x 71 mm									
		■	-	-	1.1	7024	6501.050	-	-
Coupling CP 40, steel, for support arm connection ☐ 120 x 65 mm									
		■	-	-	1.5	7024	6501.130	-	-
Connection console VESA 75/100 for support arm connection ☐ 120 x 65 mm									
	see page 207	-	■	-	1.1	7035/ 7024	6206.480	-	-
Connection console for support arm connection ☐ 120 x 65 mm									
	see page 207	-	■	-	0.7	7035/ 7024	6206.490	-	-
Angle coupling 90° CP 40, steel, for support arm connection ☐ 90 x 71 mm									
		■	-	-	1.6	7024	6501.120	-	-
Support section CP 40, steel									
		-	-	500 1000	2.1 4.2	7035 7035	6501.000 6501.020		
Angle piece 90° CP 40, steel									
		-	■	-	1.1	7024	6501.140	-	6501.140
Top-mounted joint CP 40, steel									
		■	-	-	1.8	7024	-	-	6501.160
Wall-mounted hinge CP 40, steel									
		■	-	-	2.2	7024	-	-	6501.150
Wall/base mounting bracket CP 40, steel									
		-	■	-	0.7	7024	-	-	6501.110
Mounting component CP 40, steel, for signal pillar									
	see page 1125	-	■	-	0.3	7024	2375.030	-	-
Accessories									
Angle adaptor 90° for support arm combination CP 60/40 6206.640									see page 195

Support arm system CP 40, stainless steel



Command panel housing with door, stainless steel P. 254 Premium Panel, stainless steel P. 253 Support section CP 40, steel P. 186

Support section CP 40, stainless steel

Attached to the connection components via 2 clamping screws

Size:

- Outer diameter: 48.3 mm
- Wall thickness: 3.6 mm

Material:

- Stainless steel

Surface finish:

- Brushed, grain size 400 (support section and wall console only)

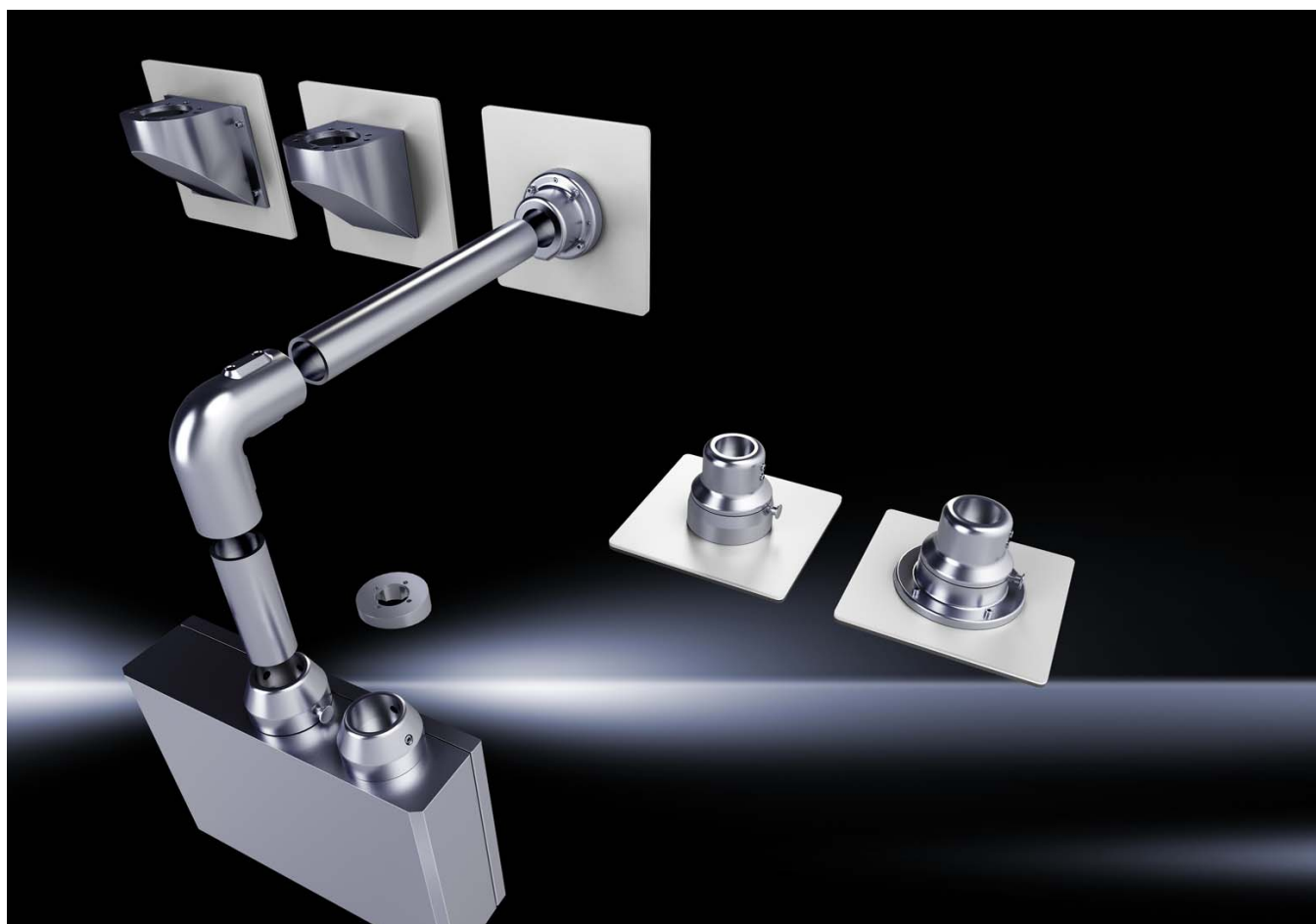
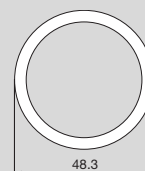
Protection category IP to

IEC 60 529:

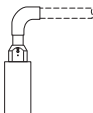
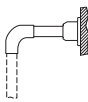
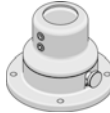
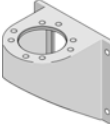
- IP 66
- IP X9

Supply includes:

- Support section, stainless steel

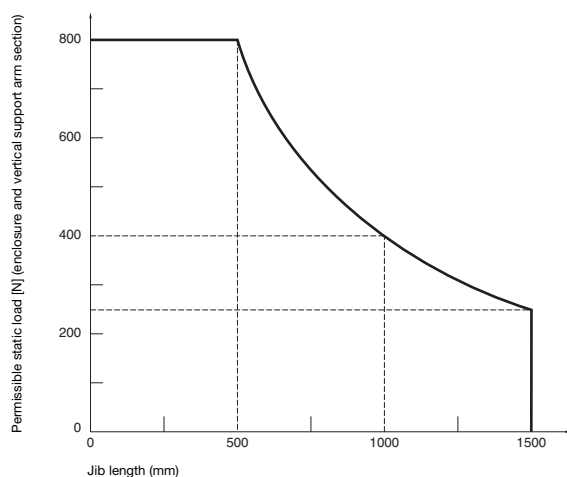


Support arm system CP 40, stainless steel

						Enclosure section	Desk section	Wall section
								
						Model No.		
Tilting adaptor 10° CP 40, stainless steel								
	–	■	–	0.7	1.4305 (AISI 303)	6664.100	–	–
Attachment CP 40, stainless steel								
	–	■	–	1.3	1.4305 (AISI 303)	6664.500	–	–
Coupling CP 40, stainless steel								
	■	–	–	1.1	1.4305 (AISI 303)	6664.000	–	–
Support section CP 40, stainless steel								
	–	■	500 1000	2.0 3.9	1.4301 (AISI 304)	6660.050 6660.010		
Angle piece 90° CP 40, stainless steel								
	–	■	–	1.3	1.4301 (AISI 304)	6664.300	–	6664.300
Wall/base mounting bracket, rigid, CP 40, stainless steel								
	–	■	–	1.7	1.430 (AISI 303)	–	–	6663.000
Wall/base mounting bracket, rotating, CP 40, stainless steel								
 Rear, thread M8 Front, hole Ø 9 mm	■	–	–	3.9 4.5	1.430 (AISI 303)	–	–	6663.500 6663.400
Wall console CP 40, stainless steel								
 Rear, thread M8 Front, hole Ø 9 mm	–	■	–	1.5 1.8	1.4301 (AISI 304)	–	–	6665.000 6665.500

Load information

Permissible load depending on system configuration



Support arm system CP 60/120/180



Uniform engineering

- All load levels up to 1800 N
- One system
- Simple system replacement in the vertical axis to cut costs and weight
- Consistent combination options

Multi-functional assembly

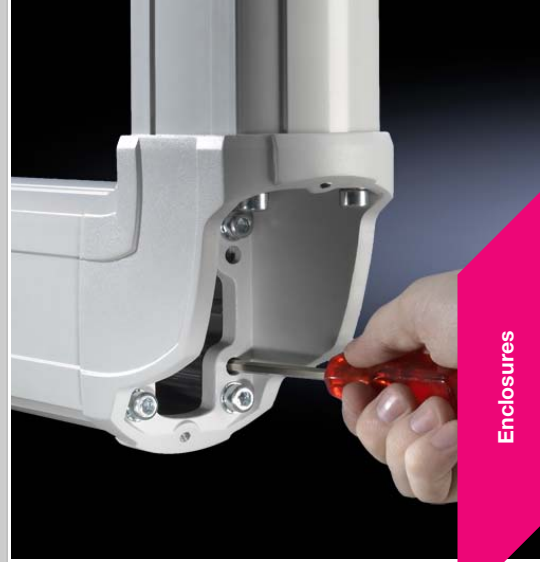
- Uniform adjustment principle, even retrospectively without dismantling
- Perfect limitation of rotation ranges
- Simple, one-person installation
- Sections are easily cut to the required length

Efficient cable management

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

Consistent protection category

- Consistent protection category of all components, even with adaptations



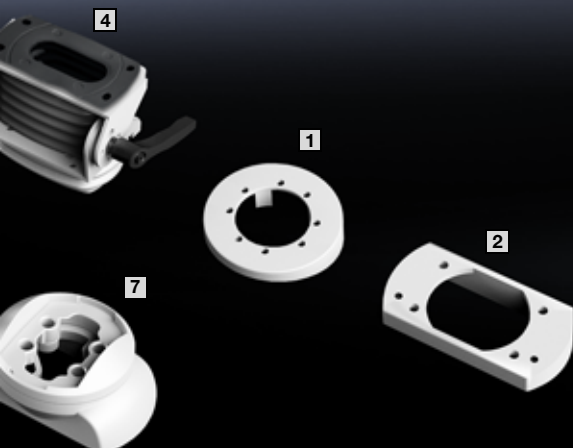
Enclosures



Support arm system CP 60

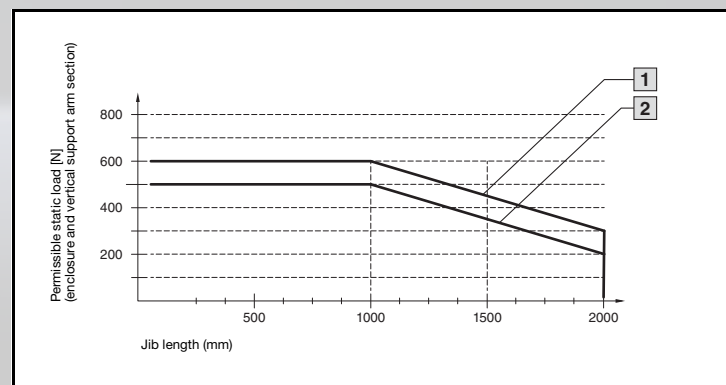
Component overview

- 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 Coupling 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, closed (6206.025, 6206.050, 6206.100, 6206.200)
- 12 Support section CP 60, open (6206.110)
- 13 Angle adaptor 90° for support arm combination CP 60/40 (6206.640)
- 14 Support section CP 40, steel (6501.000)
- 15 Coupling CP 40, steel, for support arm connection □ 90 x 71 mm (6501.050)
- 16 Angle piece 90° CP 60 (6206.600)
- 17 Intermediate hinge CP 60 (6206.620)
- 18 Top-mounted joint CP 60, horizontal outlet (6206.700)
- 19 Wall-mounted hinge CP 60, horizontal outlet (6206.740)
- 20 Wall/base mounting bracket CP 60, small (6206.820)
- 21 Wall/base mounting bracket CP 60, large (6206.800)
- 22 Mounting component CP 60 for signal pillar (6206.900)



Load information

Permissible load depending on system configuration



- 1 System configuration without intermediate hinge 6206.620
- 2 System configuration with intermediate hinge 6206.620

Note:

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

Support arm system CP 60



Comfort Panel Page 172 Optipanel Page 174 Compact Panel Page 181 Operating housings AX with handle strips Page 178

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

Size:

- External dimensions: 59 x 85 mm

Material:

- Support section: Extruded aluminium section

Colour:

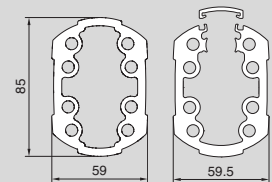
- Support section: RAL 7035

Protection category IP to IEC 60 529:

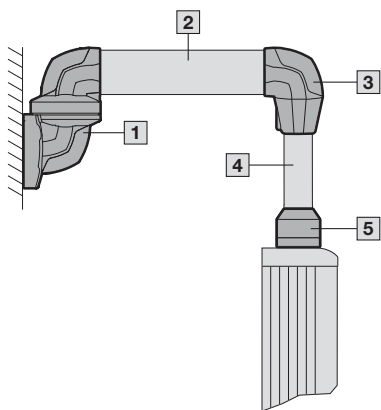
- IP 54

Supply includes:

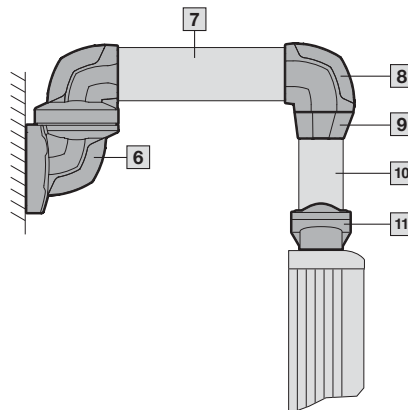
- Support section



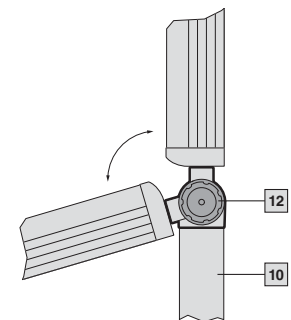
Combination with support arm system CP 40



Combination with support arm system CP 120

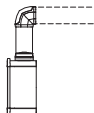
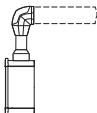
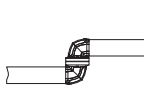
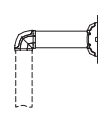
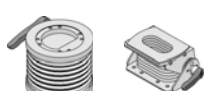
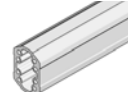
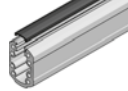
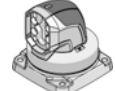


Roof plate with tilt coupler, see page 210

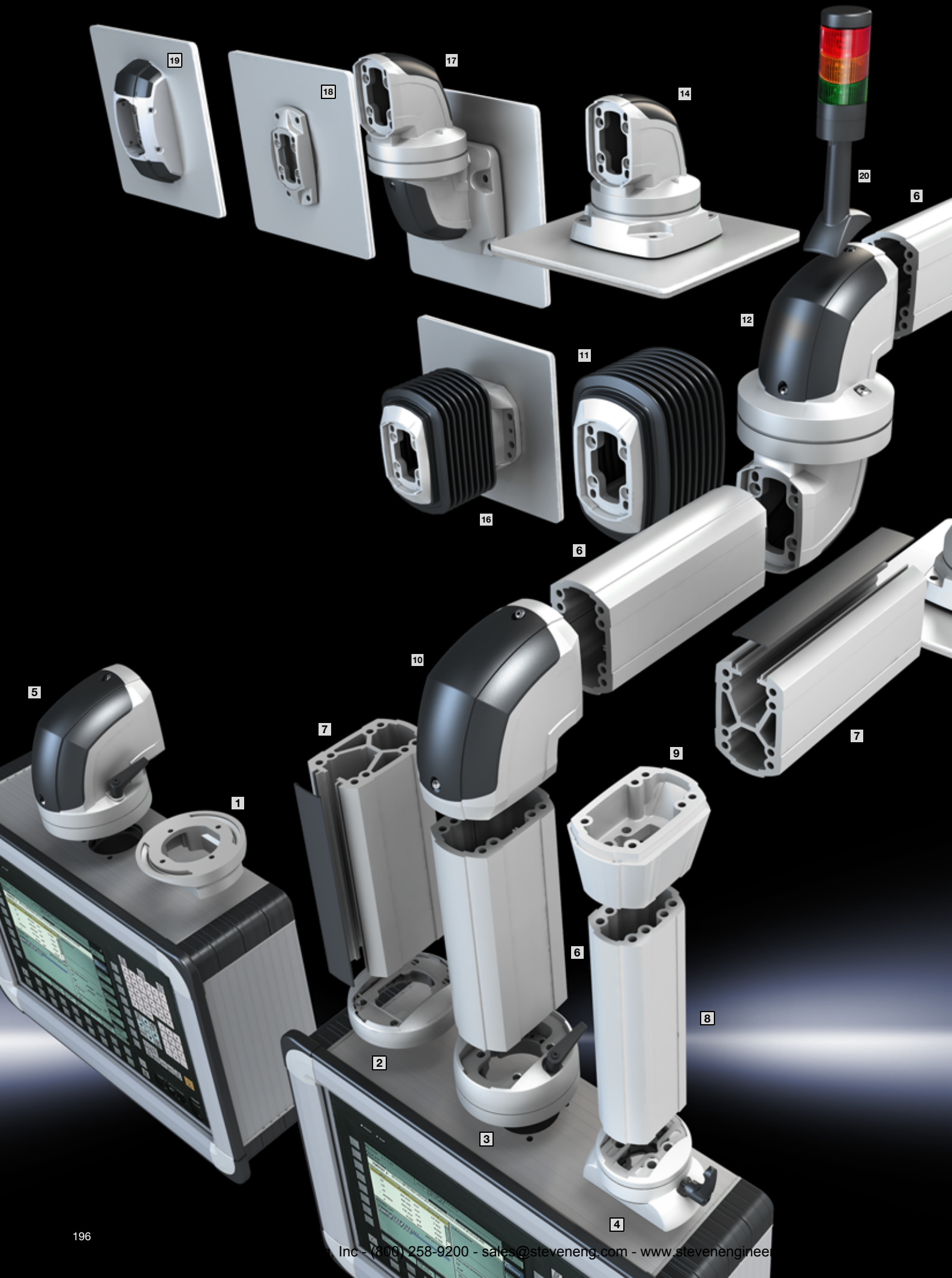


- 1 Wall-mounted hinge CP 60, horizontal outlet (6206.740)
- 2 Support section CP 60, 1000 mm (6206.100)
- 3 Angle adaptor 90° for support arm combination CP 60/40 (6206.640)
- 4 Support section CP 40, steel, 500 mm (6501.000)
- 5 Coupling CP 40, steel, for support arm connection □ 120 x 65 mm (6501.130)
- 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)
- 12 Tilt coupler for support arm system CP 60/6206.350

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.			
Tilting adaptor 10° for support arm connection										
	Ø 130 mm	-	■	-	0.6	7035	6206.400	-	-	-
	□ 120 x 65 mm	-	■	-	0.4		6206.440	-	-	-
Tilting adaptor +/-45°, tilting adaptor +100°/-60° for support arm connection										
	Ø 130 mm	■	-	-	1.2	7024	6206.420	-	-	-
	□ 120 x 65 mm	■	-	-	0.8	7035/7024	6206.460	6206.460	-	-
	□ 90 x 71 mm	■	-	-	0.8		-	6206.460	-	-
Connection console VESA 75/100 for support arm connection										
	□ 120 x 65 mm	-	■	-	1.1	7035/7024	6206.480	-	-	-
Attachment CP 60/40 for support arm connection										
	Ø 130 mm	-	■	-	0.7	7035	6206.320	-	-	-
	□ 120 x 65 mm	-	■	-	1.0	7035	6206.360	-	-	-
	□ 90 x 71 mm	-	■	-	1.0	7024	-	6501.070	-	-
Coupling CP 60/40 for support arm connection										
	Ø 130 mm	■	-	-	2.1	7035	6206.300	-	-	-
	□ 120 x 65 mm	■	-	-	1.2	7035	6206.340	6501.130	-	-
	□ 90 x 71 mm	■	-	-	1.1	7024	-	6501.050	-	-
Angle coupling 90° CP 60/40 for support arm connection										
	Ø 130 mm	■	-	-	1.8	7035/7024	6206.380	-	-	-
Support section CP 60/40										
	Closed	-	-	250 500 1000 2000	1.25 2.5 5.0 10.0	7035	6206.025 6206.050 6206.100 6206.200	CP 60 - 6501.000 6501.020 -	CP 60 6206.025 6206.050 6206.100 6206.200	CP 60 6206.025 6206.050 6206.100 6206.200
	Open	-	-	1000	5.6	7035/7024	6206.110	-	-	-
Angle adaptor 90° for support arm combination CP 60/40										
		-	■	-	1.0	7035/7024	-	6206.640	-	-
Angle piece 90° CP 60										
		-	■	-	0.5	7035/7024	6206.600	-	-	6206.600
Intermediate hinge CP 60										
		■	-	-	2.2	7035/7024	-	-	6206.620	-
Top-mounted joint CP 60										
	Horizontal outlet	■	-	-	2.2	7035/7024	-	-	-	6206.700
Wall-mounted hinge CP 60										
	Horizontal outlet	■	-	-	2.85	7035/7024	-	-	-	6206.740
Wall/base mounting bracket CP 60, small										
		-	■	-	0.35	7035	-	-	-	6206.820
Wall/base mounting bracket CP 60, large										
		-	■	-	1.4	7035/7024	-	-	-	6206.800
Accessories										
Mounting component for signal pillar, see page 1125/Adaptor CP 120/60 Ø 130 mm to □ 120 x 65 mm 6212.500, see page 199										

¹⁾ Weight information and diagrams for CP 40, see page 187



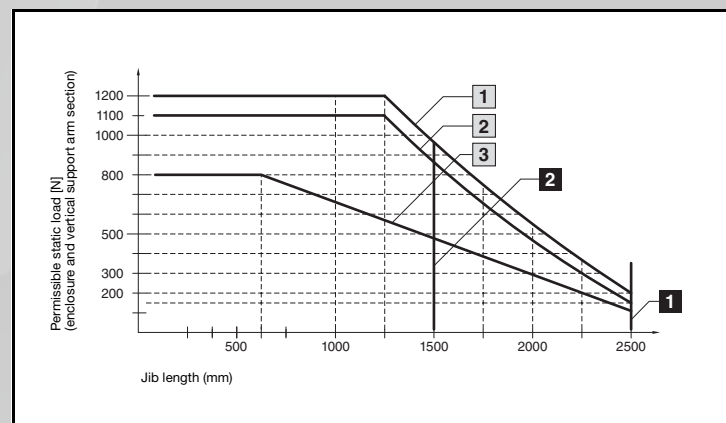
Support arm system CP 120

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, closed (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, closed (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, without height offset (6212.680)
- 12 Intermediate hinge CP 120, with height offset (6212.620)
- 13 Top-mounted joint CP 120, vertical outlet (6212.720)
- 14 Top-mounted joint CP 120, horizontal outlet (6212.700)
- 15 Wall-mounted hinge CP 120, vertical outlet (6212.760)
- 16 Wall-mounted hinge CP 120, horizontal outlet, without height offset (6212.780)
- 17 Wall-mounted hinge CP 120, horizontal outlet, with height offset (6212.740)
- 18 Wall/base mounting bracket CP 120, small (6212.820)
- 19 Wall/base mounting bracket CP 120, large (6212.800)
- 20 Mounting component CP 120/180 for signal pillar (6212.900)

Load information

Permissible load depending on system configuration



- 1 System configuration without intermediate hinge 6212.620/.680, with closed or open support section
- 2 System configuration with intermediate hinge 6212.620/.680 and closed support section
- 3 System configuration with intermediate hinge 6212.620/.680 and open support section
- 1 Maximum system length 2500 mm for systems with horizontal outlet at the system start
- 2 Maximum system length 1500 mm for systems with vertical outlet at the system start. The overall height at the vertical system start must not exceed 500 mm.

Note:

- Wall/base mounting bracket, small 6212.820 must not be used in conjunction with intermediate hinge 6212.620/.680!
- Intermediate hinge 6212.620/.680 should only be used once per system!

Support arm system CP 120



Comfort Panel P. 172 Optipanel P. 174 Operating housings AX with handle strips P. 178 Operating housing AX for desktop TFT P. 180

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:

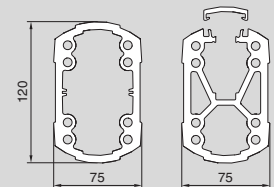
- Support section: RAL 7035

Protection category IP to IEC 60 529:

- IP 54

Supply includes:

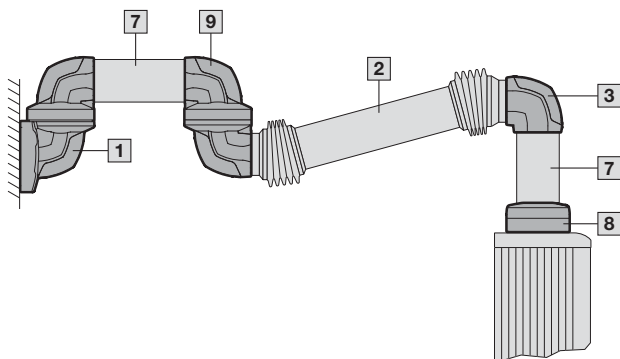
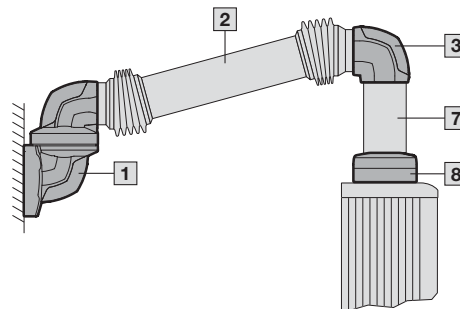
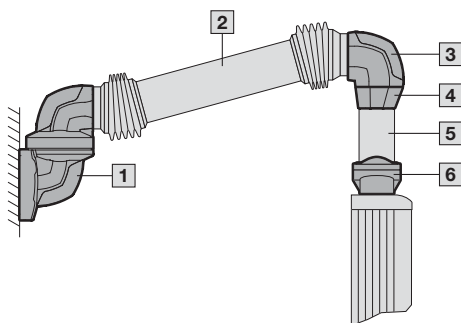
- Support section



Combination with support section, height adjustable

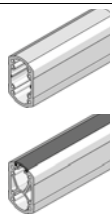
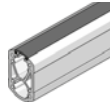
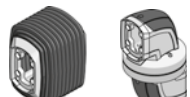
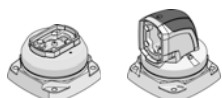
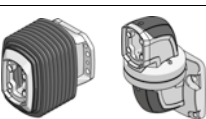
Note:

When using an intermediate hinge, the height-adjustable support section should always be inserted in the closest horizontal position to the enclosure.

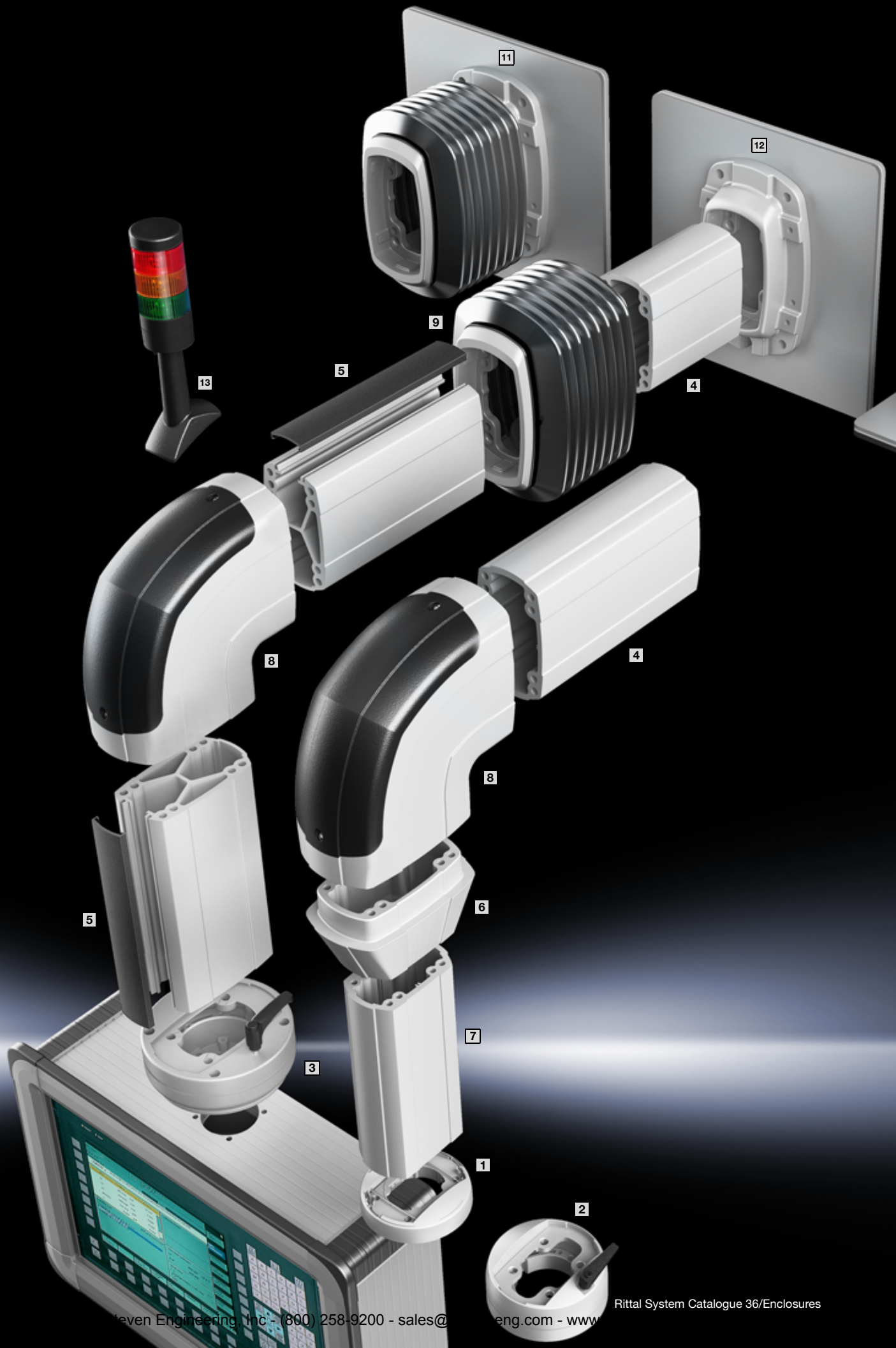


- Wall-mounted hinge CP 120, horizontal outlet (6212.740)
- Support section, height-adjustable (6212.120), see page 206
- Angle piece 90° CP 120 (6212.600)
- Adaptor for support arm combination CP 120/60 (6212.640)
- Support section CP 60, L = 500 mm (6206.050)
- Coupling CP 60 for support arm connection
□ 120 x 65 mm (6206.340)
- Support section CP 120, closed, L = 500 mm (6212.050)
- Coupling CP 120 for support arm connection Ø 130 mm (6212.300)
- 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.			
	Adaptor CP 120/60 from support arm connection Ø 130 mm to □ 120 x 65 mm									
		–	■	–	0.5	7035	6212.500	6212.500	–	–
	Attachment CP 120/60 for support arm connection									
	Ø 130 mm	–	■	–	0.7	7035	6212.320	6206.320	–	–
	□ 120 x 65 mm	–	■	–	0.7	7035	–	6206.360	–	–
	Coupling CP 120/60 for support arm connection									
	Ø 130 mm	■	–	–	2.0	7035	6212.300	6206.300	–	–
	□ 120 x 65 mm	–	–	–	–	–	–	6206.340	–	–
	Angle coupling 90° CP 120 for support arm connection									
	Ø 130 mm	■	–	–	2.1	7035/ 7024	6212.380	–	–	–
	Support section CP 120/60									
		–	–	250	2.0	7035	CP 120	CP 60 ¹⁾	CP 120	CP 120
	Closed	–	–	500	3.9		6212.025	6206.025	6212.025	6212.025
		–	–	1000	7.8		6212.050	6206.050	6212.050	6212.050
		–	–	2000	15.6		6212.100	6206.100	6212.100	6212.100
		–	–	2000	15.6	–	6212.200	6206.200	6212.200	6212.200
		–	–	500	4.6	7035/ 7024	CP 120	CP 60 ¹⁾	CP 120	CP 120
	Open	–	–	1000	9.2		6212.150	–	6212.150	6212.150
		–	–	1000	9.2		6212.110	–	6212.110	6212.110
		–	–	2000	18.4		6212.210	–	6212.210	6212.210
	Adaptor for support arm combination CP 120/60									
		–	■	–	0.7	7035	–	6212.640	–	–
	Angle piece 90° CP 120									
		–	■	–	1.1	7035/ 7024	6212.600	–	–	6212.600
	Intermediate hinge CP 120									
	Without height offset	■	–	–	4.0	7035/ 7024	–	–	6212.680	–
	With height offset	■	–	–	4.4	7035/ 7024	–	–	6212.620	–
	Top-mounted joint CP 120									
	Vertical outlet	■	–	–	3.8	7035	–	–	–	6212.720
	Horizontal outlet	■	–	–	4.3	7035/ 7024	–	–	–	6212.700
	Wall-mounted hinge CP 120, vertical outlet									
		■	–	–	5.5	7035/ 7024	–	–	–	6212.760
	Wall-mounted hinge CP 120, horizontal outlet									
	Without height offset	■	–	–	8.3	7035/ 7024	–	–	–	6212.780
	With height offset	■	–	–	6.1	7035/ 7024	–	–	–	6212.740
	Wall/base mounting bracket CP 120, small									
		–	■	–	0.5	7035	–	–	–	6212.820
	Wall/base mounting bracket CP 120, large									
		–	■	–	2.5	7035/ 7024	–	–	–	6212.800
Accessories										
Mounting component for signal pillar, see page 1125/ Tilting adaptor for support arm connection Ø 130 mm and □ 120 x 65 mm, see page 209										

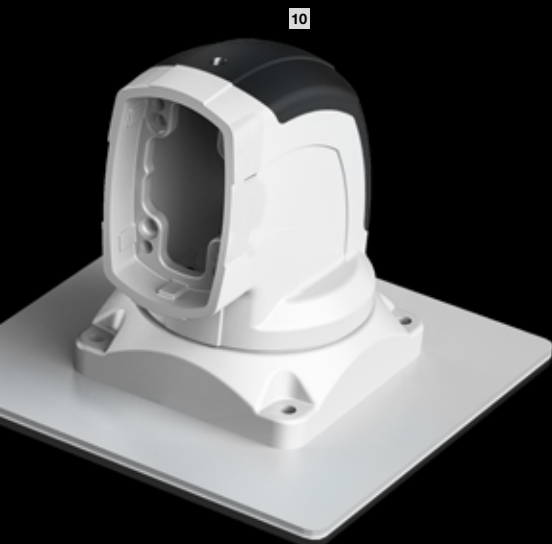
¹⁾ Weight information and diagrams for CP 60, see page 195



Support arm system CP 180

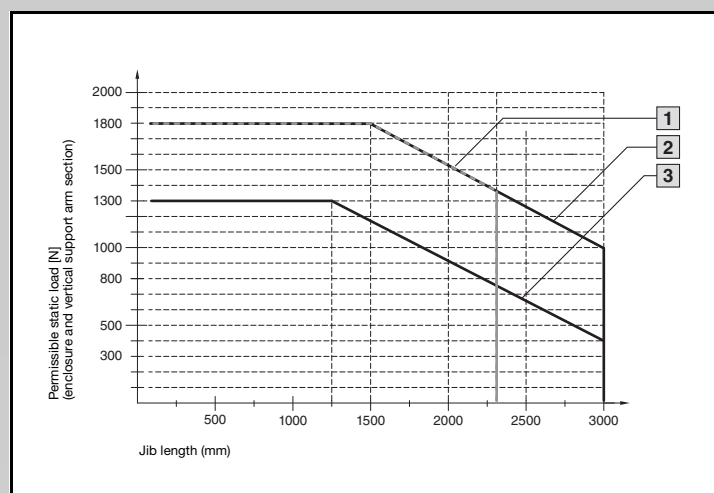
Component overview

- 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 Coupling CP 180 for support arm connection Ø 130 mm (6218.300)
- 4 Support section CPS 180, closed (6218.050, 6218.100, 6218.200)
- 5 Support section CP 180, open (6218.150, 6218.110, 6218.210)
- 6 Adaptor for support arm combination, CP 180/120 (6218.640)
- 7 Support section CP 120, closed (6212.025, 6212.050, 6212.100, 6212.200)
- 8 Angle piece 90° CP 180 (6218.600)
- 9 Intermediate hinge CP 180 (6218.620)
- 10 Top-mounted joint CP 180, horizontal outlet (6218.700)
- 11 Wall-mounted hinge CP 180, horizontal outlet (6218.740)
- 12 Wall/base mounting bracket CP 180, small (6218.820)
- 13 Mounting component CP 120/180 for signal pillar (6212.900)



Load information

Permissible load depending on system configuration



- 1 System configuration without intermediate hinge 6218.620, with closed or open support section
- 2 System configuration with intermediate hinge 6218.620 and closed support section
- 3 System configuration with intermediate hinge 6218.620 and open support section

Note:

- Intermediate hinge 6218.620 should only be used once per system!
- Where possible, Rittal recommends that the support section between components 6218.700, 6218.740, 6218.820 and intermediate hinge 6218.620 should be of a closed design

Support arm system CP 180



Comfort Panel P. 172 Optipanel P. 174 Operating housings AX with handle strips P. 178 Operating housing AX for desktop TFT P. 180

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:

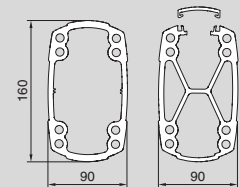
- Support section: RAL 7035

Protection category IP to IEC 60 529:

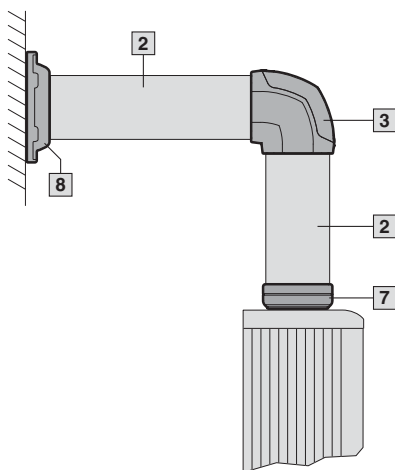
- IP 54

Supply includes:

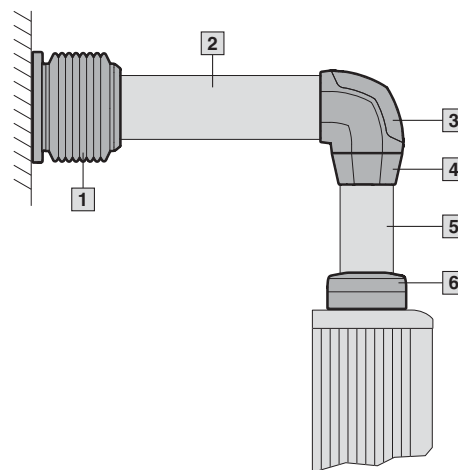
- Support section



Support arm system CP 180

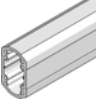
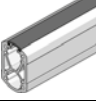


Combination with support arm system CP 120

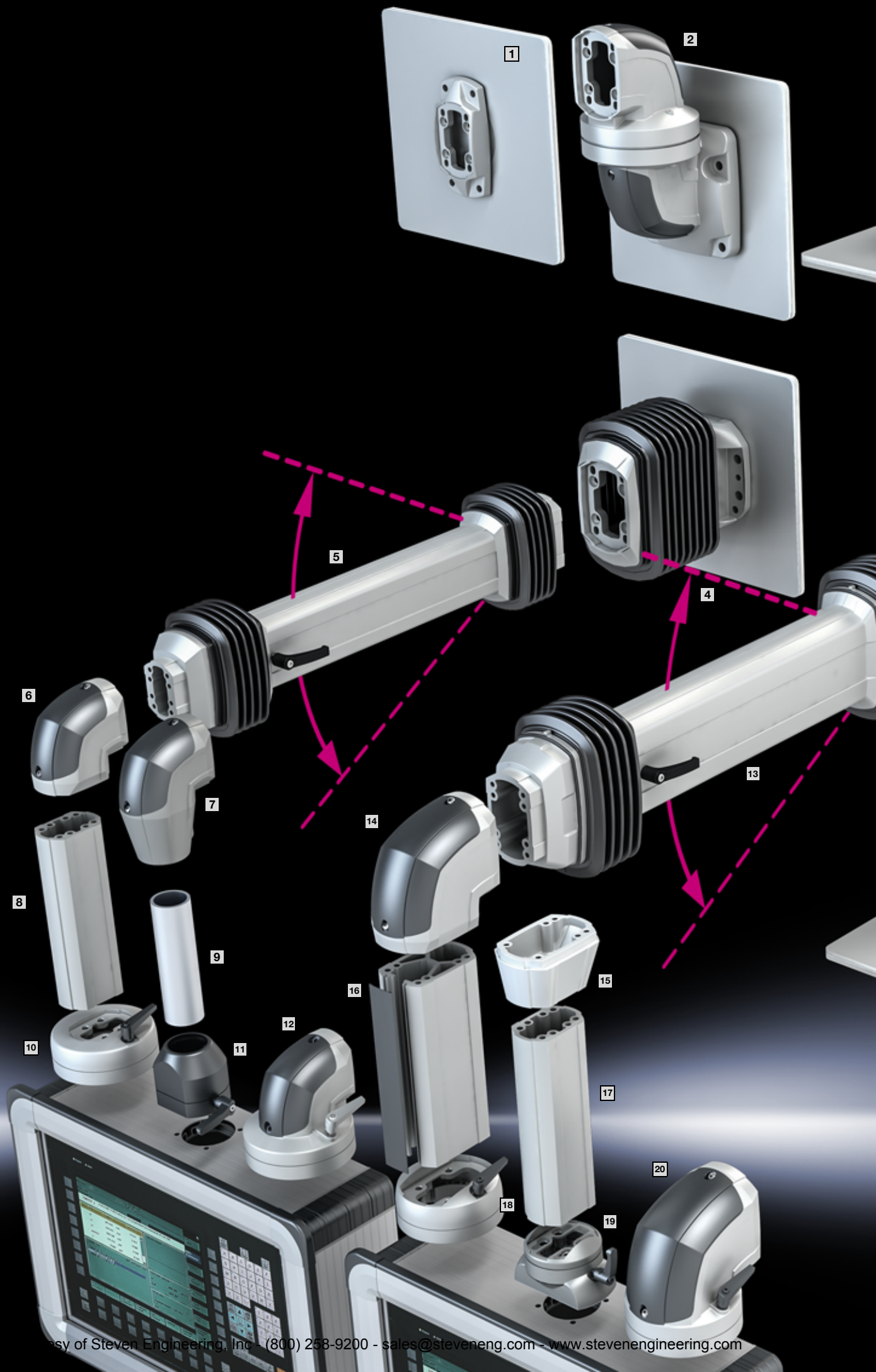


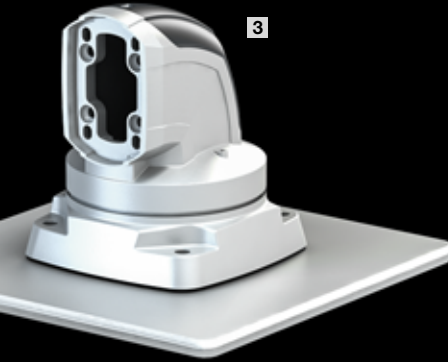
- 1 Wall-mounted hinge CP 180, horizontal outlet (6218.740)
- 2 Support section CP 180, closed, 1000 mm (6218.100)
- 3 Angle piece 90° CP 180 (6218.600)
- 4 Adaptor for support arm combination CP 180/120 (6218.640)
- 5 Support section CP 120, closed, L = 500 mm (6212.050)
- 6 Coupling CP 120 for support arm connection Ø 130 mm (6212.300)
- 7 Coupling CP 180 for support arm connection Ø 130 mm (6218.300)
- 8 Wall/base mounting bracket CP 180, small (6218.820)

Support arm system CP 180

	Rotating/tilting	Rigid	Length mm	Weight kg	Colour RAL	Enclosure section CP 180/120	Centre section CP 180	Wall section CP 180
							Model No.	
	-	■	-	0.6	7035	6212.520	-	-
	-	■	-	0.7	7035	6212.320	-	-
	■	-	-	5.3	7035	6218.300	-	-
	■	-	-	2.0		6212.300	-	-
	-	-	250	2.6	7035	CP 120 ¹⁾ 6212.025	CP 180 -	CP 180 -
Closed	-	-	500	5.2		6212.050	6218.050	6218.050
	-	-	1000	10.5		6212.100	6218.100	6218.100
	-	-	2000	21		6212.200	6218.200	6218.200
	-	-	500	5.8	7035/7024	6212.150	6218.150	6218.150
Open	-	-	1000	11.6		6212.110	6218.110	6218.110
	-	-	2000	23.2		6212.210	6218.210	6218.210
	-	■	-	1.5	7035	6218.640	-	-
	-	■	-	3.6	7035/7024	6218.600	-	6218.600
	■	-	-	10.3	7035/7024	-	6218.620	-
	■	-	-	18.0	7035/7024	-	-	6218.700
	■	-	-	13.0	7035/7024	-	-	6218.740
	-	■	-	5.0	7035	-	-	6218.820
	-	■	-	0.1	7024	6212.900	-	6212.900
Accessories								
Tilting adaptor for support arm connection Ø 130 mm and □ 120 x 65 mm, see page 209								

¹⁾ Weight information and diagrams for CP 120, see page 199





Support arm system CP

Support arm, height-adjustable

Component overview

- 1** Wall/base mounting bracket CP 120, small (6212.820)
- 2** Wall-mounted hinge CP 120, horizontal outlet, with height offset (6212.740)
- 3** Top-mounted joint CP 120, horizontal outlet (6212.700)
- 4** Wall-mounted hinge CP 120, horizontal outlet, without height offset (6212.780)
- 5** Support section, height-adjustable CP 120/CP 60 (6212.060, 6212.065)
- 6** Angle piece 90° CP 60 (6206.600)
- 7** Angle adaptor 90° for support arm combination CP 60/40 (6206.640)
- 8** Support section CP 60 (6206.110, 6206.025, 6206.050, 6206.100, 6206.200)
- 9** Support section CP 40, steel (6501.000, 6501.020)
- 10** Coupling CP 60 for support arm connection Ø 130 mm (6206.300)
- 11** Coupling CP 40, steel, for support arm connection □ 90 x 71 mm (6501.050)
- 12** Angle coupling 90° CP 60 for support arm connection Ø 130 mm (6206.380)
- 13** Support section, height-adjustable CP 120/CP 120 (6212.120)
- 14** Angle piece 90° CP 120 (6212.600)
- 15** Adaptor for support arm combination CP 120/60 (6212.640)
- 16** Support section CP 120, open (6212.150, 6212.110, 6212.210)
- 17** Support section CP 60 (6206.110, 6206.025, 6206.050, 6206.100, 6206.200)
- 18** Coupling CP 120 for support arm connection Ø 130 mm (6212.300)
- 19** Coupling CP 60 for support arm connection □ 120 x 65 mm (6206.340)
- 20** Angle coupling 90° CP 120 for support arm connection Ø 130 mm (6212.380)
- 21** Angle piece 90° CP 120 (6212.600)
- 22** Support section CP 120, closed (6212.025, 6212.050, 6212.100, 6212.200)
- 23** Top-mounted joint CP 120, vertical outlet (6212.720)

Note:

In combination with support support section, height adjustable observe:
 – When using an intermediate hinge, the height-adjustable support section should always be inserted in the closest horizontal position to the enclosure.

Support arm system CP



Support section, height-adjustable

Now even more ergonomic, thanks to

- Adjustment range for tall and short operators, as well as seated and stand-up workstations:
6212.060/120: 600 mm $\pm$ 300 mm
6212.065: 950 mm $\pm$ 475 mm
- Support arm holds securely in any position
- Additional fixing with clamping lever if required
- Precise coordination to the suspended load via an adjusting screw at the front of the support section
- Adjusting screw can be accessed without dismantling any components
- Removable side panel for easy access to cable routing
- Tilt angle of the mounted enclosure is identical in every height position
- Cables with connectors such as DVI, VGA are easily inserted
- Broad weight range from 4 to 60 kg with just two systems

Maximum cross-section for cable entry:

- 17 x 41 mm for CP 6212.060/.065
- 17 x 59 mm for CP 6212.120

Colour:

- RAL 7035/7024

Protection category IP to IEC 60 529:

- IP 54

Supply includes:

- Assembly parts

Note:

For combination with support section, height-adjustable, please note:

- When using an intermediate hinge, the height-adjustable support section should always be inserted in the closest horizontal position to the enclosure

Wall/machine side	Enclosure side	Overall length mm	Weight range kg ¹⁾	Model No.
CP 120	CP 60	741	4 – 30	6212.060
CP 120	CP 60	1050	4 – 17	6212.065
CP 120	CP 120	790	10 – 60	6212.120

¹⁾ For configured enclosure and vertical support section

Cable tray

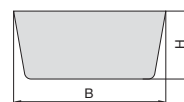
CP 6212.060/.065
30 x 10 mm (W x H)

CP 6212.120
43 x 21 mm (W x H)

Maximum connector dimensions

CP 6212.060/.065
41 x 17 mm (W x H)

CP 6212.120
59 x 17 mm (W x H)



B = Width



Support arm configurator

for CP 40/60/120/180 and support section, height-adjustable

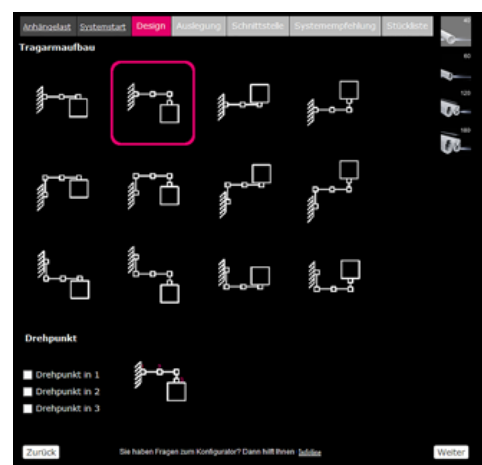
The tool determines the perfect system for your application from key user-specific parameters such as the jib length, enclosure weight or required cable cross-sections.

Benefits:

- Individual assembly tailored to the requirements of the application
- Built-in consistency check
- The outcome is a plausibility-checked parts list
- Detailed cutting dimensions for the support sections
- Free online configurator
- Simple, systematic menu prompting
- Seamless system solution
- Supply of CAD data for the configured system

Note:

- Configure online at www.rittal.com/configurators



Support arm system CP 40/60/120/180

Connection console VESA 75/100

For rear connection of
 – Slimline operating housings
 – Commercially available TFTs
 – Industrial PCs
 with VESA 75/100 connection

Connection to Rittal support arm systems
 – CP 40
 – CP 60
 – CP 120 via adaptor from support arm connection
 Ø 130 mm to □ 120 x 65 mm

Benefits:

- Fast, simple one-person assembly using machined keyholes
- More space for installation and servicing
- Cables may be routed to devices outside and inside the console
- Removable cover for simple cable routing and access to interior device connections
- Integral cable clamping facilities
- Cover with captive screws

Material:

- Die-cast zinc

Colour:

- Connection console: RAL 7035
- Cover: RAL 7024

Protection category IP to IEC 60 529:

- IP 54

Supply includes:

- Connection console VESA
- Seals
- Cable ties for cable clamping
- Assembly parts

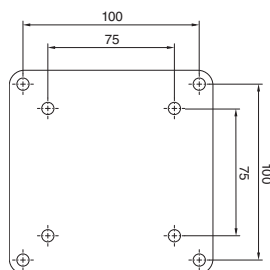
Weight kg	Model No.
1.1	6206.480



Also required:

- Attachment CP 60 for support arm connection
 □ 120 x 65 mm, 6206.360
- Coupling CP 60 for support arm connection
 □ 120 x 65 mm, 6206.340
- Tilting adaptor 10° for support arm connection
 □ 120 x 65 mm, 6206.440
- Coupling CP 40 for support arm connection
 □ 120 x 65 mm, 6501.130
- Tilting adaptor +/-45° for support arm connection
 □ 120 x 65 mm, 6206.460
- Adaptor from support arm connection Ø 130 mm
 to □ 120 x 65 mm, 6212.500

VESA connection hole pattern



Connection console

For rear connection of slimline operating housings.
 Removable lid for simple cable entry.

Connection to Rittal support arm systems
 – CP 40
 – CP 60
 – CP 120 via adaptor from support arm connection
 Ø 130 mm to □ 120 x 65 mm

Material:

- Cast aluminium

Protection category IP to IEC 60 529:

- IP 54

Supply includes:

- Connection console
- Seals
- Assembly parts

Colour	Weight kg	Model No.
RAL 7024	0.7	6206.490



Also required:

- Coupling CP 40 for support arm connection
 □ 120 x 65 mm, 6501.130
- Attachment CP 60 for support arm connection
 □ 120 x 65 mm, 6206.360
- Coupling CP 60 for support arm connection
 □ 120 x 65 mm, 6206.340



Support arm system CP 40/60/120/180



Adaptor

for Siemens Pro-Panel

For the external mounting of Siemens Simatic

- MP 377 Pro
- Thin Client 15" Pro
- Flat-Panel Monitor 15", 19" Pro
- HMI IPC477C Pro
- ThinClient Pro

Connection to support arm systems

- CP 40, steel
- CP 60/120 with support arm connection
□ 120 x 65 mm

Material:

- Aluminium

Colour:

- RAL 7035

Supply includes:

- Adaptor
- Seals
- Assembly parts

Weight kg	Model No.
0.3	6206.500



Connection plates

with reinforcement plate

For easy location of the command panel onto the support arm or pedestal. More space for cable entry.

For mounting command panels

- Comfort Panel from a front panel width of 247 mm and installation depth of 152 mm
- Optipanel from a front panel width of 220 mm and installation depth of 150 mm
- Sheet steel from 135 mm installation depth

For mounting on support arm system components

- Attachment CP 60/120 for support arm connection Ø 130 mm, 6206.320, 6212.320
- Coupling CP 60/120 for support arm connection Ø 130 mm, 6206.300, 6212.300
- Angle coupling 90° CP 60/120 for support arm connection Ø 130 mm, CP 6206.380, 6212.380
- Tilting adaptor 10° CP 60/120 for support arm connection Ø 130 mm, 6206.400
- Tilting adaptor +/-45° CP 60/120 for support arm connection Ø 130 mm, 6206.420
- Coupling CP 180 for support arm connection Ø 130 mm, 6218.300

Material:

- Connection plate: Cast aluminium
- Reinforcement plate: Sheet steel, 6 mm

Colour:

- RAL 7035

Supply includes:

- Connection plates
- Reinforcement plate
- Seals
- Assembly parts

Weight kg	Model No.
1.4	6212.540

Support arm system CP 40/60/120/180

Tilting adaptor +/-45°

for command panels with support arm connection Ø 130 mm

For mounting between:

- Coupling CP 60, 6206.300
- Coupling CP 120, 6212.300
- Coupling CP 180, 6218.300

or

- Attachment CP 60, 6206.320
- Attachment CP 120, 6212.320

or

- Angle coupling 90°, CP 60, 6206.380
- Angle coupling 90°, CP 120, 6212.380

and the command panel

Tilt angle:

- Adjustable in 7.5° increments

Material:

- Tilting adaptor: Cast aluminium
- Concertina section: Plastic

Colour:

- RAL 7024

Supply includes:

- Tilting adaptor
- Concertina section
- Seals
- Assembly parts

Weight kg	Model No.
1.2	6206.420



Enclosures

Tilting adaptor +100°/-60°

for command panels with support arm connection □ 120 x 65 mm

For mounting on

- IW worktop, prepared for attachment of Ø 130 mm
- Surfaces
- Attachment/coupling with support arm connection □ 120 x 65 mm

To fit enclosures up to 20 kg with support arm connection

- □ 90 x 71 mm
- Ø 130 mm
- □ 120 x 65 mm
- VESA Standard 75

With cable tube for protected cable entry.

Tilt angle:

- Adjustable in 7.2° increments via clamping lever and may be limited to +100°/-15° using the stop screw supplied loose

Material:

- Tilting adaptor: Sheet steel, spray-finished
- Concertina section: Plastic

Colour:

- Tilting adaptor: RAL 7035
- Concertina section: RAL 7024

Supply includes:

- Tilting adaptor
- Concertina section
- Assembly parts

Weight kg	Model No.
0.8	6206.460



Support arm system CP 40/60/120/180



Tilt coupler

for support arm system CP 60

For mounting two enclosures on a support arm/stand system.

Benefits:

- Ergonomic adjustment of the screen and key-board enclosure
- Simple, linear adjustment of the required position via the friction brake

Material:

- Cast aluminium

Surface finish:

- Textured paint

Colour:

- Tilt coupler: RAL 7035
- Covers: RAL 7024

Protection category IP to IEC 60 529:

- IP 54

Supply includes:

- Tilt coupler
- Seals
- Assembly parts

Packs of	Model No.
1 pc(s).	6206.350



Accessories:

- Adaptor CP 60 to □ 120 x 65 mm, see page 210

Adaptor for tilt coupler

CP 60 to support arm connection

□ 120 x 65 mm

Material:

- Cast aluminium

Colour:

- RAL 7035

Packs of	Model No.
1 pc(s).	6206.550

Pivot

with/without jib

For direct, vertically hinged integration into machines and systems.

Applications:

- Enclosure suspended or top-mounted

Benefits:

- With integral rotation range restrictor

Installation options:

- To fit enclosures with support arm connection Ø 130 mm.

Load capacity:

- 700 N

Rotation range/swivel area:

- Approx. 310°
- The range of rotation can be limited by inserting the grub screws provided.

Protection category IP to IEC 60 529:

- IP 54

Jib length mm	Colour	Packs of	Model No.
200	RAL 7024/7035	1 pc(s).	6206.850
–	RAL 7035	1 pc(s).	6206.870



Comfort Panel Page 172 **Optipanel** Page 174 **Compact Panel** Page 181 **Operating housings AX with handle strips** Page 178

Pedestal, modular, consisting of:

- Pedestal base plate/cross member
- Support section
- Enclosure connection

Colour:
– RAL 7035

Photo shows a configuration example with equipment not included in the scope of supply

Pedestal, modular

Weight load kg		15	18	35 ¹⁾	35 ¹⁾	Page
[1] Pedestal base plate		Model No.				
Pedestal base plate/cross member		6146.100	6106.100	6106.200	6106.400	
Dimensions mm	Width	400	400	490	600	
	Height	10	108	100	205	
	Depth	400	400	600	650	
[2] Support section		Model No.				
Height-adjustable (adjustment range 732 – 1122 mm)		6146.200	–	–	–	
Closed, length 1000 mm		–	6206.100	6206.100 ¹⁾	6206.100 ¹⁾	
[3] Enclosure connection		Model No.				
Enclosure reinforcement, rigid		–	6106.110	–	–	
Attachment CP 40, steel, for support arm connection □ 90 x 71 mm		6501.070	–	–	–	
Coupling CP 40, steel, for support arm connection □ 90 x 71 mm		6501.050	–	–	–	
Coupling CP 40, steel, for support arm connection □ 120 x 65 mm		6501.130	–	–	–	
Attachment CP 60, for support arm connection Ø 130 mm		–	–	6206.320	6206.320	
Attachment CP 60, for support arm connection □ 120 x 65 mm		–	–	6206.360	6206.360	
Coupling CP 60, for support arm connection Ø 130 mm		–	–	6206.300	–	
Coupling CP 60, for support arm connection □ 120 x 65 mm		–	–	6206.340	–	
Tilt adjustment		6146.300	–	–	–	
Accessories						
Adaptor CP 60 to CP 40		–	6206.650	6206.650	6206.650	214
Twin castors		6148.000	–	6148.000	■	893
Levelling feet		–	–	4612.000	–	892
Base mounting bracket		–	–	6147.000	–	214

¹⁾ Alternative: Support arm system CP 120 may also be used by simply drilling a hole, weight load 50 kg

Stand systems



Comfort Panel Page 172 **Optipanel** Page 174 **Compact Panel** Page 181 **Operating housings AX with handle strips** Page 178

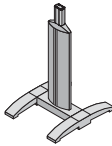
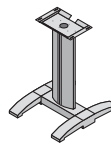
The right system to suit any application:

- Different design variants
- Weight load from 15 – 25 kg
- Reliable protection of cable management

Colour:
– RAL 7035

Photo shows a configuration example with equipment not included in the scope of supply

Pedestal, complete

			
Weight load kg	25	25	Page
Model No.	6106.300	6141.200	
Width mm	600	600	
Height mm	1093	946	
Depth mm	660	660	
Supply includes			
Cross member	■	■	
Base plate	–	–	
Support section	■	–	
Vertical aluminium panel	■	■	
Worktop attachment	–	■	
Accessories			
Adaptor CP 60 to CP 40	6206.650	–	214
Twin castors	6148.000, 7495.000	6148.000, 7495.000	893
Levelling feet	4612.000	4612.000	892
Base mounting bracket	6147.000	6147.000	214
Attachment CP 60, for support arm connection Ø 130 mm	6206.320	–	195
Attachment CP 60, for support arm connection □ 120 x 65 mm	6206.360	–	195
Coupling CP 60, for support arm connection Ø 130 mm	6206.300	–	195
Coupling CP 60, for support arm connection □ 120 x 65 mm	6206.340	–	195
Worktop without handle ¹⁾	–	6902.310	

¹⁾ W x H x D 950 x 38 x 600 mm



Comfort Panel Page 172 **Optipanel** Page 174 **Compact Panel** Page 181 **Operating housings AX with handle strips** Page 178

The welded alternatives to the pedestal, complete

- Open pedestal for retrospective cable entry with pre-assembled connectors
- Pillar, small: For heavy installed equipment

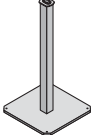
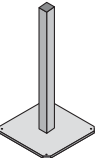
Material:
– Steel

Surface finish:
– Spray-finished

Colour:
– RAL 7035

Photo shows a configuration example with equipment not included in the scope of supply

Pedestal, open/pillar, small

				
Weight load kg		40	80	Page
		6106.500	6112.500	
Supply includes				
Base plate cross section mm	Width	380	500	
	Height	10	12	
	Depth	380	500	
Overall height mm		1095	1150	
Accessories				
Attachment CP 60, for support arm connection Ø 130 mm		6206.320	–	195
Attachment CP 60, for support arm connection □ 120 x 65 mm		6206.360	–	195
Coupling CP 60, for support arm connection Ø 130 mm		6206.300	–	195
Coupling CP 60, for support arm connection □ 120 x 65 mm		6206.340	–	195
Attachment CP 120, for support arm connection Ø 130 mm		–	6212.320	199
Coupling CP 120, for support arm connection Ø 130 mm		–	6212.300	199
Adaptor CP 60 to CP 40		6206.650	–	214

Stand systems

Accessories



Base mounting bracket

Brackets for screw-fastening from below to the pedestals with posidrive raised countersunk screws M12. Optionally with projection at the front, interior or sides, with Ø 11 mm hole for screw-fastening to the base.

Material:

- Steel

Surface finish:

- Zinc-plated

Supply includes:

- Posidrive raised countersunk screws M12

Packs of	Model No.
4 pc(s).	6147.000



1

Enclosure reinforcement

For external or internal reinforcement of enclosures of a corresponding size. Smaller enclosures may also be mounted directly without reinforcement.

Supply includes:

- Assembly parts for the enclosure and support section plus 2 seals



2

	For enclosure	Support arm connection	Material	Weight kg	Model No.
1	B1 ≥ 300 mm, T1 ≥ 150 mm	CP 40, stainless steel	Stainless steel 1.4301	0.9	6143.310
2	B1 ≥ 300 mm, T1 ≥ 150 mm	CP 60	Sheet steel	0.9	6106.110



Adaptor CP 60 to CP 40

for stand and support arm systems

For the transition from support section CP 60 to 48 round pipe.

Material:

- Steel

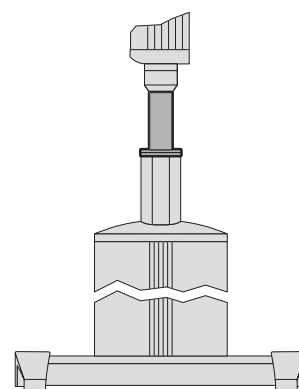
Colour:

- RAL 7035

Supply includes:

- Adaptor
- Self-tapping screws for support section attachment
- Seal

Length mm	Weight kg	Rigid	Packs of	Model No.
300	1.81	■	1 pc(s).	6206.650



Comfort Panel

Simple selection with the online configurator,
see page 273



Configure online at
www.rittal.com/configurators

Rittal – The System.

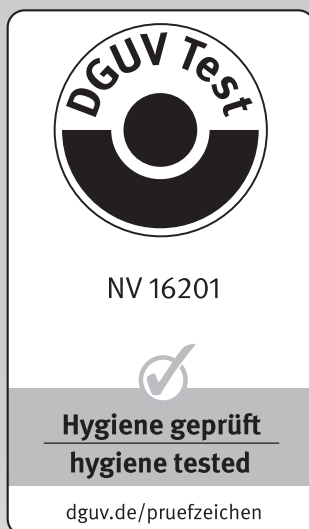
Faster – better – everywhere.



Hygienic Design

Small and compact enclosures HD

Product advantages	218
Terminal boxes HD	220
Compact enclosures HD, single-door	221
Compact enclosures HD, two-door	222
Accessories	223



Hygienic Design enclosures – Added cleanliness guaranteed!



Silicone seal

- All-round external joint-free silicone seal
- Easy to replace
- Guides and fixes the lid to the screw fasteners
- All-round tilt for terminal boxes
 - Enclosure: 3°
 - Lid: 10°

Interior installation

- Mounting hole pitch pattern of 6.25 mm for greater flexibility
- KX support rails and mounting plates may be directly fitted

Hinges and seal

- Hinges that are inside the sealing zone create an exceptionally easy-clean design on the outside
- The durable all-round, external silicone seal is joint-free
- Installed sealing frames are easily replaced
- No external cavity between enclosure and door
- Seal dyed blue to clearly distinguish it from foodstuffs

Screw fastener

- Captive
- With external seal
- Hexagon shape for perfect cleanliness

Lock and lock insert

- External parts made of stainless steel
- Material and shape allow easy and reliable cleaning

Roof, tilted

- 30° tilt on compact enclosures prevents objects from being deposited on it
- Easily inspected
- Allows fluids to drain off rapidly



Hygienic Design



HD accessories Page 223 **System accessories** Page 877 **Terminal boxes KX, stainless steel** Page 230

Design:

- Enclosure angled forwards by 3°

Material:

- Enclosure and cover: Stainless steel 1.4301 (AISI 304) 1.5 mm
- Mounting bracket: Sheet steel, zinc-plated, passivated, 2.0 mm
- Screw plug: Stainless steel
- Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600

Surface finish:

- Enclosure and cover: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Seal: Blue, dyed (RAL 5010)

Protection category IP to IEC 60 529:

- IP 66
- IP X9

Protection category NEMA:

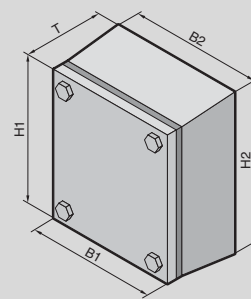
- NEMA 13
- NEMA 3R
- NEMA 4X

Supply includes:

- Enclosure of all-round solid construction
- Cover
- Mounting bracket (pre-assembled)
- Seal and screw plug (supplied loose)

Approvals:

- UL
- cUL



Terminal boxes HD

Width front (B1) mm	Packs of	150	150	200	300	400	400	Page
Width rear (B2) mm		172	177	227	327	427	427	
Height front (H1) mm		150	150	200	200	200	300	
Height rear (H2) mm		172	177	227	227	227	327	
Depth (T) mm		80	120	120	120	120	120	
Model No.	1 pc(s).	1670.600	1671.600	1672.600	1674.600	1675.600	1676.600	
Weight kg		1.7	2.2	3.0	4.0	5.0	5.9	
Accessories								
Wall spacer bracket HD	1 pc(s).	4000.100	4000.100	4000.100	4000.100	4000.100	4000.100	223
Support rail TS 35/7.5	10 pc(s).	2314.000	2314.000	2315.000	2316.000	2317.000	2317.000	997
Cable gland HD		see page	see page	see page	see page	see page	see page	1057
Mounting plate	1 pc(s).	1560.800	1560.800	1562.800	1563.800	1564.800	1568.800	970



HD accessories Page 223 System accessories Page 877 AX stainless steel Page 236

Design:

- Roof angled forwards by 30°

Material:

- Enclosure and door: Stainless steel 1.4301 (AISI 304)
- Mounting plate: Sheet steel
- Lock insert HD: Stainless steel 1.4404 (AISI 316L)
- Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600

Surface finish:

- Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Mounting plate: Zinc-plated
- Seal: Blue, dyed (RAL 5010)

Protection category IP to IEC 60 529:

- IP 66
- IP X9

Protection category NEMA:

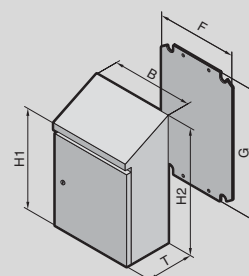
- NEMA 13
- NEMA 4X

Supply includes:

- Enclosure of all-round solid construction
- Door with inserted seal
- Door hinged on the right, may be swapped to the left
- Mounting plate

Approvals:

- UL
- cUL



Compact enclosures HD, single-door

Width (B) mm	Packs of	220	390	390	510	610	Page
Height front (H1) mm		350	430	650	550	430	
Height rear (H2) mm		437	549	769	669	601	
Depth (T) mm		155	210	210	210	300	
Mounting plate width (F) mm		162	330	330	450	550	
Mounting plate height (G) mm		275	355	575	475	355	
Model No.	1 pc(s).	1302.600	1306.600	1308.600	1307.600	1320.600	
Weight kg		6.6	14.7	17.9	19.7	21.7	

Accessories

Wall spacer bracket HD	1 pc(s).	4000.100	4000.100	4000.100	4000.100	4000.100	223
Cable gland HD		see page	see page	see page	see page	see page	1057
Rail for interior installation	4 pc(s).	–	–	5001.050	–	–	225
T handle HD	1 pc(s).	4000.065	4000.065	4000.065	4000.065	4000.065	223

Compact enclosures HD, single-door

Width (B) mm	Packs of	610	810	810	810	810	Page
Height front (H1) mm		650	430	650	1050	1250	
Height rear (H2) mm		769	549	821	1221	1421	
Depth (T) mm		210	210	300	300	300	
Mounting plate width (F) mm		550	750	750	745	745	
Mounting plate height (G) mm		575	355	575	975	1145	
Model No.	1 pc(s).	1310.600	1314.600	1315.600	1316.600	1317.600	
Weight kg		27.4	25.5	39.0	60.1	71.0	

Accessories

Wall spacer bracket HD	1 pc(s).	4000.100	4000.100	4000.100	4000.100	4000.100	223
Cable gland HD		see page	see page	see page	see page	see page	1057
Rail for interior installation	4 pc(s).	5001.050	–	5001.050	see page	see page	225
T handle HD	1 pc(s).	4000.065	4000.065	4000.065	4000.065	4000.065	223

Hygienic Design



HD accessories Page 223 **System accessories** Page 877 **AX stainless steel** Page 236

Design:

- Roof angled forwards by 30°

Material:

- Enclosure and doors: Stainless steel 1.4301 (AISI 304)
- Mounting plate: Sheet steel
- Lock insert HD: Stainless steel 1.4404 (AISI 316L)
- Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600

Surface finish:

- Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Mounting plate: Zinc-plated
- Seal: Blue, dyed (RAL 5010)

Protection category IP to IEC 60 529:

- IP 66
- IP X9

Protection category NEMA:

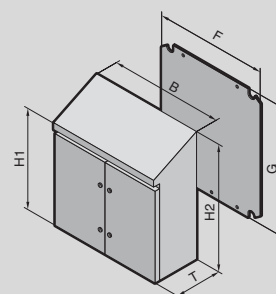
- NEMA 13
- NEMA 4X

Supply includes:

- Enclosure of all-round solid construction
- Door with inserted seal
- Mounting plate

Approvals:

- UL
- cUL



Compact enclosures HD, two-door

Width (B) mm	Packs of	1010	1010	Page
Height front (H1) mm		1050	1250	
Height rear (H2) mm		1280	1480	
Depth (T) mm		400	400	
Mounting plate width (F) mm		945	945	
Mounting plate height (G) mm		975	1175	
Model No.	1 pc(s).	1318.600	1319.600	
Accessories				
Wall spacer bracket HD	1 pc(s).	4000.100	4000.100	223
Cable gland HD		see page	see page	1057
Rail for interior installation	4 pc(s).	5001.052	5001.053	225
T handle HD	1 pc(s).	4000.065	4000.065	223

Hygienic Design

Accessories

Levelling feet HD

Benefits:

- Minimises cleaning time thanks to fully covered, permanently sealed threads
- Compensation of floor inclines up to an angle of 10° thanks to flexible base
- Baying can even be achieved on sloping floors, thanks to a large levelling range

Material:

- Stainless steel 1.4301 (AISI 304)

Load capacity:

- Max. 7000 N static per levelling foot

Supply includes:

- Assembly parts and seals

Design	Thread	Adjustment range mm	Packs of	Model No.
without base mount	M12	122 - 175	4 pc(s).	4000.240
with base attachment	M12	122 - 175	4 pc(s).	4000.250



Enclosures

Wall spacer bracket HD

Benefits:

- Creates space for cleaning behind the enclosure
- Shorter assembly times by eliminating the need for an all-round seal
- Improved hygiene by avoiding inaccessible dead spaces or gaps between the enclosure and wall

Functions:

- Mounting on the wall optionally from the enclosure interior via a through-hole (max. M8) or from the rear via an integral M10 thread

Material:

- Stainless steel 1.4301 (AISI 304)

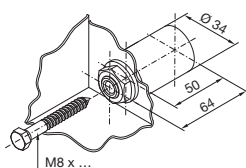
Supply includes:

- Assembly parts and seals

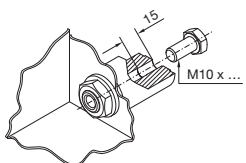
Note:

- Depending on the size of the enclosure, up to 4 wall spacer brackets are required to ensure sufficiently stable wall mounting

Wall distance mm	Packs of	Model No.
50	1 pc(s).	4000.100



Attachment from inside



Attachment from outside



T handle HD

For easy opening without a key. May be exchanged in all enclosures with cam lock.

Material:

- Stainless steel 1.4301 (AISI 304)

Packs of	Model No.
1 pc(s).	4000.065



Hygienic Design

Accessories



Cam lock HD

Hygienic Design variant for easy, safe cleaning.

Applications:

- May be integrated into customised applications, e.g. covers of machine panels.

Material:

- Stainless steel 1.4404 (AISI 316L)
- Fastener lug, lock nut: Steel, zinc-plated

Packs of	Model No.
1 pc(s).	2304.010



Accessories:

- Enclosure key HD, see page 224



Enclosure key HD

For HD cam lock.

Note:

- Enclosure, case and lock systems are supplied as standard with matching keys

Packs of	Model No.
1 pc(s).	2549.600



Bit HD

for universal key 2549.500

Packs of	Model No.
1 pc(s).	2549.510

Rails for interior installation

for HD compact enclosures

For mounting on the existing threaded bolts.
With system punchings on three sides.

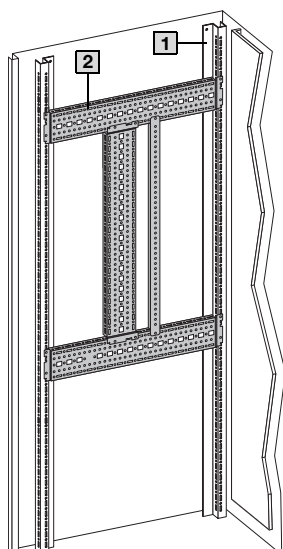
Material:

– Sheet steel, zinc-plated

Supply includes:

– Assembly parts

Length mm	Packs of	Model No.	Page
510	4 pc(s).	5001.050	995
710	4 pc(s).	5001.051	995
910	4 pc(s).	5001.052	995
1110	4 pc(s).	5001.053	995

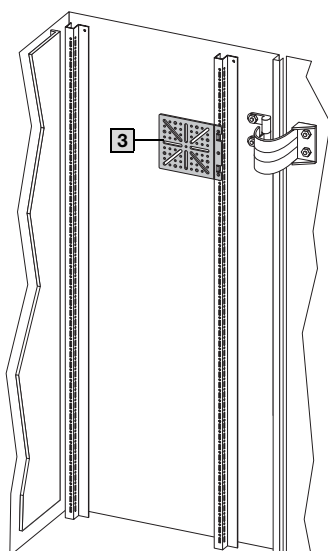


Interior installation, door

Enclosure	1	1	1
Model No.	Model No.		
1316.600	5001.052	5001.050	5001.050
1317.600	5001.053	5001.051 5001.050	5001.051 5001.050
1318.600	5001.052	5001.050	5001.050
1319.600	5001.053	5001.051 5001.050	5001.051 5001.050

Interior installation, enclosure

Enclosure	1	2	3
	Rails for interior installation 	Punched section with mounting flange, 17 x 73 mm 	Mounting plates
Model No.	Model No.		
1308.600 1310.600 1315.600	5001.050	–	–
1316.600	5001.052	8612.130 (only on lock side)	8612.400 8612.410
1317.600	5001.053	8612.130 (only on lock side)	8612.400 8612.410
1318.600	5001.052	–	8612.400 8612.410
1319.600	5001.053	–	8612.400 8612.410



Rittal – The System.

Faster – better – everywhere.





Stainless steel



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Stainless steel enclosures

The secure choice for harsh environments



Incredible enclosure diversity

- Stainless steel enclosures for all requirement profiles in modern industrial technology. They meet the extremely high demands associated with corrosion protection and chemical substances.
- The smooth surface boasts outstanding hygienic properties which means less cleaning work.
- Depending on the requirements, the materials used are stainless steel 1.4301 (AISI 304) or stainless steel 1.4404 (AISI 316L).
- Cleverly thought-out system platforms, in conjunction with an extensive selection of system accessories, create outstanding solution diversity in the Rittal stainless steel range.

Coordinating accessories

- The uniform system platforms used in the sheet steel range produce unique installation diversity with identical engineering.
- In particular, the interior installation largely eliminates any machining of the enclosures and therefore plays a key role in maintaining the high protection category.

Optimum climate control

- Among stainless steel applications, climate control often represents a major problem because the risk of expensive system failures or machine standstills can only be decisively reduced with the right climate control components. Rely on Rittal for the perfect solutions:
 - An extensive range of wall- and roof-mounted cooling units with efficient Blue e+ technology
 - Fan-and-filter units combined with a hose-proof hood provide a simple, efficient and secure solution provided the ambient temperature is sufficiently low
 - With one of the world's leading ranges and a comprehensive service portfolio, Rittal offers individual solution concepts to minimise the risks

Efficient engineering

- Uniform design basis for sheet steel and stainless steel racks and enclosures for simple, fast assembly
- Identical engineering for sheet steel and stainless steel allows simple, time-saving planning
- A host of tools provide support with the automated production process and when working with virtual prototypes:
 - Rittal Configuration System
 - EPLAN Pro Panel
 - 2D/3D CAD data
 - ecl@ss Advanced
 - Technical documentation
- Fast, efficient calculation of climate control requirements for individual enclosure assemblies with Therm software



Enclosures



Small enclosures KX



System accessories Page 877 **Terminal boxes KX, sheet steel** Page 56 **Ex enclosures** Page 257 **Hygienic Design** Page 217

Material:

- Enclosures: Stainless steel 1.4301 (AISI 304)
- Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal

Surface finish:

- Enclosure and cover: Brushed, grain size 400

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

- Enclosure with cover
- Mini cam locks

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

Terminal boxes KX, stainless steel, without gland plate

Width mm	Packs of	150	150	300	200	200	Page
Height mm		150	150	150	200	200	
Depth mm		80	120	80	80	120	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	
Material thickness – cover mm		1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1560.000	1564.000	1561.000	1562.000	1565.000	
Weight, approx. kg		1.3	1.6	1.8	1.8	2.2	
Mini cam lock		4	4	4	4	4	
Accessories							
Wall mounting bracket, for AX stainless steel, KX stainless steel	4 pc(s).	1594.010	1594.010	1594.010	1594.010	1594.010	965
Wall angle	4 pc(s).	–	–	2583.010	2583.010	2583.010	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1560.800	1560.800	1561.800	1562.800	1562.800	970
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2316.000	2315.000	2315.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2366.000	2365.000	2365.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge, stainless steel	2 pc(s).	1592.210	1592.210	1592.210	1592.210	1592.210	951
Earth straps	5 pc(s).	2565.100	2565.050	2565.100	2565.100	2565.050	1033
Baying kit	1 pc(s).	–	1199.100	–	–	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws for mounting plate	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	1004

Terminal boxes KX, stainless steel, without gland plate

Width mm	Packs of	300	300	400	300	400	Page
Height mm		200	200	200	300	300	
Depth mm		80	120	120	120	120	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	
Material thickness – cover mm		1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1563.000	1566.000	1568.000	1567.000	1569.000	
Weight, approx. kg		2.4	2.9	3.6	3.9	4.6	
Mini cam lock		4	4	4	4	4	
Accessories							
Wall mounting bracket, for AX stainless steel, KX stainless steel	4 pc(s).	1594.010	1594.010	1594.010	1594.010	1594.010	965
Wall angle	4 pc(s).	2583.010	2583.010	2583.010	2583.010	2583.010	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1563.800	1563.800	1564.800	1567.800	1568.800	970
Support rails TS 35/7.5	10 pc(s).	2316.000	2316.000	2317.000	2316.000	2317.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge, stainless steel	2 pc(s).	1592.210	1592.210	1592.210	1592.210	1592.210	951
Earth straps	5 pc(s).	2565.100	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	–	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws for mounting plate	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	1004

Small enclosures KX



System accessories Page 877 **E-Box KX, sheet steel** Page 64 **Ex enclosures** Page 257

Material:

- Enclosure: Stainless steel
- Door: Stainless steel, all-round foamed-in PU seal
- Mounting plate: Sheet steel

Surface finish:

- Enclosure and door: Brushed, grain size 400
- Mounting plate: Zinc-plated

Protection category IP to

IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

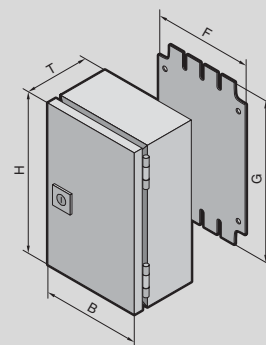
Supply includes:

- Enclosure with door
- Mounting plate
- Cam lock with 3 mm double-bit insert

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.



E-Box KX, stainless steel, depth 120/155 mm

Width (B) mm	Packs of	200	200	200	380	Page
Height (H) mm		300	300	300	300	
Depth (T) mm		120	155	155	155	
Mounting plate width (F) mm		175	175	175	365	
Mounting plate height (G) mm		285	285	285	275	
Material	Stainless steel 1.4301 (AISI 304)	■	■	—	■	
	Stainless steel 1.4404 (AISI 316L)	—	—	■	—	
Material thickness – enclosure mm		1.25	1.25	1.5	1.25	
Material thickness – door mm		1.25	1.25	1.5	1.25	
Model No.	1 pc(s).	1584.000	1587.000	1301.000	1588.000	
Weight, approx. kg		3.6	4.1	4.1	7.5	

Accessories						
Wall mounting bracket, for AX stainless steel, KX stainless steel	4 pc(s).	1594.010	1594.010	1594.010	1594.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2315.000	2315.000	2315.000	2317.000 ¹⁾	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	940
Cam lock with double-bit insert, stainless steel 1.4404 (AISI 316L)	1 pc(s).	2309.110	2309.110	2309.110	2309.110	943
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	1033
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws for mounting plate	300 pc(s).	2487.000	2487.000	2487.000	2487.000	1004

¹⁾ Must be cut to length accordingly

Rittal – The System.



Rittal Configuration System

see page 272

Small enclosures KX



System accessories Page 877 **Bus enclosures KX, sheet steel** Page 70

Material:

- Enclosures: Stainless steel 1.4301 (AISI 304)
- Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal
- Hinges: Die-cast zinc

Surface finish:

- Enclosure and cover: Brushed, grain size 400

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

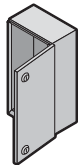
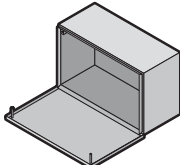
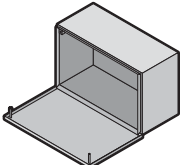
- Enclosure with hinged cover
- Mini cam lock

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

Bus enclosures KX, stainless steel

					
Width mm	Packs of	200	400	600	Page
Height mm		300	200	200	
Depth mm		80	120	120	
Material thickness – enclosure mm		1.25	1.25	1.25	
Material thickness – cover mm		1.25	1.25	1.25	
Model No.	1 pc(s).	1583.000	1585.000	1586.000	
Weight, approx. kg		2.8	4.5	6.0	
Accessories					
Wall mounting bracket, for AX stainless steel, KX stainless steel	4 pc(s).	1594.010	1594.010	1594.010	965
Wall angle	4 pc(s).	–	–	2583.010	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1563.800	1564.800	1566.800	970
Support rails TS 35/7.5	10 pc(s).	2315.000	2317.000	–	997
Support rails TS 35/15	10 pc(s).	–	–	2319.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	998
Earth straps	5 pc(s).	2565.100	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	900
Self-tapping screws for mounting plate	300 pc(s).	2487.000	2487.000	2487.000	1004



System accessories Page 877

Material:

- Enclosure: Stainless steel 1.4301 (AISI 304)
- Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal

Surface finish:

- Enclosure and cover: Brushed, grain 240

Protection category IP to IEC 60 529:

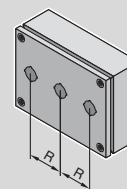
- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

- Enclosure with cover
- Quick-release fastener including plastic bushes



Switch housings, stainless steel

Width mm	Packs of	100	160	220	280	Page
Height mm		100	100	100	100	
Depth mm		90	90	90	90	
Material thickness - enclosure mm		1.25	1.25	1.25	1.25	
Material thickness - cover mm		1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	2384.010	2384.020	2384.030	2384.040	
Pitch pattern (R) mm		–	60	60	60	
No. of switch cut-outs Ø 22.5 mm		1	2	3	4	
Number of locks		2	4	4	4	
Accessories						
Wall mounting bracket	4 pc(s).	1594.010	1594.010	1594.010	1594.010	965
Pressure relief stoppers	5 pc(s).	2459.500	2459.500	2459.500	2459.500	900
Cable gland HD		see page	see page	see page	see page	1057
Earth straps	5 pc(s).	2565.100	2565.100	2565.100	2565.100	1033

Compact enclosures AX



System accessories Page 877 **AX sheet steel** Page 84 **Ex enclosures** Page 257 **Hygienic Design** Page 217 **Outdoor housing** Page 958

Material:

- Enclosure: Stainless steel
- Door: Stainless steel, all-round foamed-in PU seal
- Mounting plate: Sheet steel
- Lock: Die-cast zinc, nickel-plated, double-bit insert: Stainless steel

Surface finish:

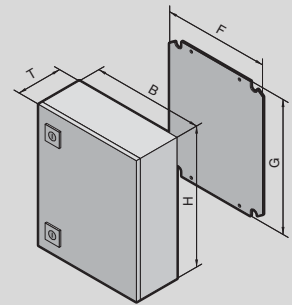
- Enclosure and door: Brushed, grain size 400
- Mounting plate: Zinc-plated

Supply includes:

- Enclosure with door(s)
 - Mounting plate
 - Lock: 3 mm double-bit
- Please note the product-specific scope of supply.

Approvals:

- UL
 - cUL
- Further approvals can be found on the Internet.



Basic enclosure AX, stainless steel

Width (B) mm	Packs of	300	300	Page
Height (H) mm		300	380	
Depth (T) mm		210	210	
Mounting plate width (F) mm		250	250	
Mounting plate height (G) mm		275	355	
Material	Stainless steel 1.4301 (AISI 304)	■	■	
	Stainless steel 1.4404 (AISI 316L)	—	—	
Model No.	1 pc(s).	1003.000	1005.000	
Weight, approx. kg		6.9	8.4	
Protection category IP to IEC 60 529		IP 66	IP 66	
Protection category NEMA		NEMA 4X	NEMA 4X	
Product-specific scope of supply				
Door(s)		1	1	
Cam lock		1	1	
3-point lock system		—	—	
Accessories				
Wall mounting bracket, for AX stainless steel, KX stainless steel, wall distance 20 mm	4 pc(s).	2433.010	2433.010	967
Wall angle, stainless steel 1.4301	4 pc(s).	2583.010	2583.010	967
Pole clamp	2 pc(s).	2584.100	2584.100	968
Rail for interior installation	4 pc(s).	2393.210	2393.210	989
Punched section with mounting flange 14 x 39 mm, installation in the height		—	—	
Punched section with mounting flange 14 x 39 mm, installation in the door		—	—	
Support strips, installation in the door		—	—	
LED system light		—	—	
Comfort handle AX for lock inserts or profile half-cylinders		—	—	
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	940
Cam lock with double-bit insert, stainless steel 1.4404 (AISI 316L)	1 pc(s).	2304.100	2304.100	943
Lock inserts		see page	see page	941, 942
Perforated door strip		—	—	
Door stay	1 pc(s).	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable		—	—	
Plastic wiring plan pockets		see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	955
Protective roof	1 pc(s).	2361.010	2361.010	958
Earth straps		see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	916
Cable gland, brass M12 x 1.5	15 pc(s).	2411.801	2411.801	1056
Cable gland, brass M16 x 1.5	15 pc(s).	2411.811	2411.811	1056
Cable gland, brass M20 x 1.5	10 pc(s).	2411.821	2411.821	1056
Cable gland, brass M25 x 1.5	10 pc(s).	2411.831	2411.831	1056
Cable gland, brass M32 x 1.5	5 pc(s).	2411.841	2411.841	1056
Cable gland, brass M40 x 1.5	4 pc(s).	2411.851	2411.851	1056
Cable gland, brass M50 x 1.5	2 pc(s).	2411.861	2411.861	1056
Cable gland, brass M63 x 1.5	1 pc(s).	2411.871	2411.871	1056
Cable gland, polyamide M12 x 1.5	50 pc(s).	2411.601	2411.601	1056
Cable gland, polyamide M16 x 1.5	50 pc(s).	2411.611	2411.611	1056
Cable gland, polyamide M20 x 1.5	50 pc(s).	2411.621	2411.621	1056
Cable gland, polyamide M25 x 1.5	25 pc(s).	2411.631	2411.631	1056
Cable gland, polyamide M32 x 1.5	15 pc(s).	2411.641	2411.641	1056
Cable gland, polyamide M40 x 1.5	5 pc(s).	2411.651	2411.651	1056
Cable gland, polyamide M50 x 1.5	5 pc(s).	2411.661	2411.661	1056
Cable gland, polyamide M63 x 1.5	3 pc(s).	2411.671	2411.671	1056

Compact enclosures AX

Basic enclosure AX, stainless steel

Width (B) mm		Packs of	300	380	380	380	380	400	Page
Height (H) mm			380	300	380	380	600	500	
Depth (T) mm			210	210	210	210	210	210	
Mounting plate width (F) mm			250	330	330	330	330	350	
Mounting plate height (G) mm			355	275	355	355	575	475	
Material	Stainless steel 1.4301 (AISI 304)		–	■	■	–	■	■	
	Stainless steel 1.4404 (AISI 316L)		■	–	–	■	–	–	
Model No.		1 pc(s).	1302.000	1011.000	1006.000	1303.000	1008.000	1015.000	
Weight, approx. kg			8.4	8.4	9.8	9.8	15.1	12.9	
Protection category IP to IEC 60 529			IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	
Protection category NEMA			NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	
Product-specific scope of supply									
Door(s)			1	1	1	1	1	1	
Cam lock			1	1	1	1	2	2	
3-point lock system			–	–	–	–	–	–	
Accessories									
Wall mounting bracket, for AX stainless steel, KX stainless steel, wall distance 20 mm		4 pc(s).	2433.510	2433.010	2433.010	2433.510	2433.010	2433.010	967
Wall angle, stainless steel 1.4301		4 pc(s).	2583.010	2583.010	2583.010	2583.010	2583.010	2583.010	967
Pole clamp		2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Rail for interior installation		4 pc(s).	2393.210	2393.210	2393.210	2393.210	2393.210	2393.210	989
Punched section with mounting flange 14 x 39 mm, installation in the height		4 pc(s).	–	–	–	–	8619.720	8619.710	990
Punched section with mounting flange 14 x 39 mm, installation in the door			–	–	–	–	–	–	
Support strips, installation in the door			–	–	–	–	–	–	
LED system light			–	–	–	–	–	2500.100	1014
Comfort handle AX for lock inserts or profile half-cylinders			–	–	–	–	–	–	
Mini-comfort handle AX for lock inserts or profile half-cylinders		1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Cam lock with double-bit insert, stainless steel 1.4404 (AISI 316L)		1 pc(s).	2304.100	2304.100	2304.100	2304.100	2304.100	2304.100	943
Lock inserts			see page	see page	see page	see page	see page	see page	941, 942
Perforated door strip			–	–	–	–	–	–	
Door stay		1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable			–	–	–	–	–	–	
Plastic wiring plan pockets			see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch			see page	see page	see page	see page	see page	see page	955
Protective roof		1 pc(s).	2361.010	2472.010	2472.010	2472.010	2472.010	–	958
Earth straps			see page	see page	see page	see page	see page	see page	1033
Baying kit		1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass M12 x 1.5		15 pc(s).	2411.801	2411.801	2411.801	2411.801	2411.801	2411.801	1056
Cable gland, brass M16 x 1.5		15 pc(s).	2411.811	2411.811	2411.811	2411.811	2411.811	2411.811	1056
Cable gland, brass M20 x 1.5		10 pc(s).	2411.821	2411.821	2411.821	2411.821	2411.821	2411.821	1056
Cable gland, brass M25 x 1.5		10 pc(s).	2411.831	2411.831	2411.831	2411.831	2411.831	2411.831	1056
Cable gland, brass M32 x 1.5		5 pc(s).	2411.841	2411.841	2411.841	2411.841	2411.841	2411.841	1056
Cable gland, brass M40 x 1.5		4 pc(s).	2411.851	2411.851	2411.851	2411.851	2411.851	2411.851	1056
Cable gland, brass M50 x 1.5		2 pc(s).	2411.861	2411.861	2411.861	2411.861	2411.861	2411.861	1056
Cable gland, brass M63 x 1.5		1 pc(s).	2411.871	2411.871	2411.871	2411.871	2411.871	2411.871	1056
Cable gland, polyamide M12 x 1.5		50 pc(s).	2411.601	2411.601	2411.601	2411.601	2411.601	2411.601	1056
Cable gland, polyamide M16 x 1.5		50 pc(s).	2411.611	2411.611	2411.611	2411.611	2411.611	2411.611	1056
Cable gland, polyamide M20 x 1.5		50 pc(s).	2411.621	2411.621	2411.621	2411.621	2411.621	2411.621	1056
Cable gland, polyamide M25 x 1.5		25 pc(s).	2411.631	2411.631	2411.631	2411.631	2411.631	2411.631	1056
Cable gland, polyamide M32 x 1.5		15 pc(s).	2411.641	2411.641	2411.641	2411.641	2411.641	2411.641	1056
Cable gland, polyamide M40 x 1.5		5 pc(s).	2411.651	2411.651	2411.651	2411.651	2411.651	2411.651	1056
Cable gland, polyamide M50 x 1.5		5 pc(s).	2411.661	2411.661	2411.661	2411.661	2411.661	2411.661	1056
Cable gland, polyamide M63 x 1.5		3 pc(s).	2411.671	2411.671	2411.671	2411.671	2411.671	2411.671	1056

Compact enclosures AX

Basic enclosure AX, stainless steel

Width (B) mm	Packs of	500	500	600	600	600	600	Page
Height (H) mm		500	500	380	600	600	760	
Depth (T) mm		210	300	210	210	210	210	
Mounting plate width (F) mm		450	450	550	550	550	550	
Mounting plate height (G) mm		475	475	355	575	575	735	
Material	Stainless steel 1.4301 (AISI 304)	■	■	■	■	–	■	
	Stainless steel 1.4404 (AISI 316L)	–	–	–	–	■	–	
Model No.	1 pc(s).	1007.000	1013.000	1009.000	1010.000	1304.000	1012.000	
Weight, approx. kg		15.7	18.4	14.6	23.5	23.5	30.2	
Protection category IP to IEC 60 529		IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	
Protection category NEMA		NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	
Product-specific scope of supply								
Door(s)		1	1	1	1	1	1	
Cam lock		2	2	1	2	2	2	
3-point lock system		–	–	–	–	–	–	
Accessories								
Wall mounting bracket, for AX stainless steel, KX stainless steel, wall distance 20 mm	4 pc(s).	2433.010	2433.010	2433.010	2433.010	2433.510	2433.010	967
Wall angle, stainless steel 1.4301	4 pc(s).	2583.010	2583.010	2583.010	2583.010	2583.010	2583.010	967
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Rail for interior installation	4 pc(s).	2393.210	2393.300	2393.210	2393.210	2393.210	2393.210	989
Punched section with mounting flange 14 x 39 mm, installation in the height	4 pc(s).	8619.710	8619.710	–	8619.720	8619.720	–	990
Punched section with mounting flange 14 x 39 mm, installation in the door		–	–	–	–	–	–	
Support strips, installation in the door	20 pc(s).	–	–	–	–	–	4696.000	952
LED system light	1 pc(s).	2500.100	2500.100	2500.100	2500.100	2500.100	2500.100	1014
Comfort handle AX for lock inserts or profile half-cylinders		–	–	–	–	–	–	
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Cam lock with double-bit insert, stainless steel 1.4404 (AISI 316L)	1 pc(s).	2304.100	2304.100	2304.100	2304.100	2304.100	2304.100	943
Lock inserts		see page	see page	see page	see page	see page	see page	941, 942
Perforated door strip	2 pc(s).	–	–	–	–	–	2311.076	953
Door stay	1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable ¹⁾	1 pc(s).	–	–	–	–	–	2515.300	954
Plastic wiring plan pockets		see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch		see page	see page	see page	see page	see page	see page	955
Protective roof	1 pc(s).	2362.010	–	2473.010	2473.010	2473.010	2473.010	958
Earth straps		see page	see page	see page	see page	see page	see page	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass M12 x 1.5	15 pc(s).	2411.801	2411.801	2411.801	2411.801	2411.801	2411.801	1056
Cable gland, brass M16 x 1.5	15 pc(s).	2411.811	2411.811	2411.811	2411.811	2411.811	2411.811	1056
Cable gland, brass M20 x 1.5	10 pc(s).	2411.821	2411.821	2411.821	2411.821	2411.821	2411.821	1056
Cable gland, brass M25 x 1.5	10 pc(s).	2411.831	2411.831	2411.831	2411.831	2411.831	2411.831	1056
Cable gland, brass M32 x 1.5	5 pc(s).	2411.841	2411.841	2411.841	2411.841	2411.841	2411.841	1056
Cable gland, brass M40 x 1.5	4 pc(s).	2411.851	2411.851	2411.851	2411.851	2411.851	2411.851	1056
Cable gland, brass M50 x 1.5	2 pc(s).	2411.861	2411.861	2411.861	2411.861	2411.861	2411.861	1056
Cable gland, brass M63 x 1.5	1 pc(s).	2411.871	2411.871	2411.871	2411.871	2411.871	2411.871	1056
Cable gland, polyamide M12 x 1.5	50 pc(s).	2411.601	2411.601	2411.601	2411.601	2411.601	2411.601	1056
Cable gland, polyamide M16 x 1.5	50 pc(s).	2411.611	2411.611	2411.611	2411.611	2411.611	2411.611	1056
Cable gland, polyamide M20 x 1.5	50 pc(s).	2411.621	2411.621	2411.621	2411.621	2411.621	2411.621	1056
Cable gland, polyamide M25 x 1.5	25 pc(s).	2411.631	2411.631	2411.631	2411.631	2411.631	2411.631	1056
Cable gland, polyamide M32 x 1.5	15 pc(s).	2411.641	2411.641	2411.641	2411.641	2411.641	2411.641	1056
Cable gland, polyamide M40 x 1.5	5 pc(s).	2411.651	2411.651	2411.651	2411.651	2411.651	2411.651	1056
Cable gland, polyamide M50 x 1.5	5 pc(s).	2411.661	2411.661	2411.661	2411.661	2411.661	2411.661	1056
Cable gland, polyamide M63 x 1.5	3 pc(s).	2411.671	2411.671	2411.671	2411.671	2411.671	2411.671	1056

¹⁾ The perforated door strip is required for the installation

Compact enclosures AX

Basic enclosure AX, stainless steel

Width (B) mm		Packs of	760	800	800	1000	1000	1000	Page
Height (H) mm			760	1000	1200	1000	1200	1200	
Depth (T) mm			300	300	300	300	300	300	
Mounting plate width (F) mm			705	745	745	945	945	945	
Mounting plate height (G) mm			735	975	1175	975	1175	1175	
Material	Stainless steel 1.4301 (AISI 304)		■	■	■	■	■	–	
	Stainless steel 1.4404 (AISI 316L)		–	–	–	–	–	■	
Model No.		1 pc(s).	1014.000	1016.000	1017.000	1018.000	1019.000	1305.000	
Weight, approx. kg			42.5	52.9	61.5	71.0	76.0	76.0	
Protection category IP to IEC 60 529			IP 66	IP 66	IP 66	IP 55	IP 55	IP 55	
Protection category NEMA			NEMA 4X	NEMA 4X	NEMA 4X	NEMA 12	NEMA 12	NEMA 12	
Product-specific scope of supply									
Door(s)			1	1	1	2	2	2	
Cam lock			2	2	–	2	–	–	
3-point lock system			–	–	■	–	■	■	
Accessories									
Wall mounting bracket, for AX stainless steel, KX stainless steel, wall distance 20 mm		4 pc(s).	2433.010	2433.010	2433.010	2433.010	2433.010	2433.510	967
Wall angle, stainless steel 1.4301		4 pc(s).	2583.010	2583.010	2583.010	2583.010	2583.010	2583.010	967
Pole clamp		2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Rail for interior installation		4 pc(s).	2393.300	2393.300	2393.300	2393.300	2393.300	2393.300	989
Punched section with mounting flange 14 x 39 mm, installation in the height		4 pc(s).	–	8619.750	8619.770	8619.750	8619.770	8619.770	990
Punched section with mounting flange 14 x 39 mm, installation in the door		4 pc(s).	–	–	8619.730	–	8619.710	8619.710	952
Support strips, installation in the door ²⁾		20 pc(s).	4599.200	4697.000	4697.000	4695.000	4695.000	4695.000	952
LED system light		1 pc(s).	2500.110	2500.110	2500.110	2500.110	2500.110	2500.110	1014
Comfort handle AX for lock inserts or profile half-cylinders		1 pc(s).	–	–	2435.300	–	2435.300	2435.300	939
Mini-comfort handle AX for lock inserts or profile half-cylinders		1 pc(s).	2537.100	2537.100	–	2537.100	–	–	940
Cam lock with double-bit insert, stainless steel 1.4404 (AISI 316L)		1 pc(s).	2304.100	2304.100	2304.100	2304.100	–	2304.100	943
Lock inserts			see page	see page	see page	see page	see page	see page	941, 942
Perforated door strip		2 pc(s).	2311.076	2311.100	2311.120	2311.100	2311.120	2311.120	953
Door stay		1 pc(s).	2519.010	2519.010	2519.010	2519.010	2519.010	2519.010	956
Sheet steel wiring plan pockets, width-variable ¹⁾		1 pc(s).	2515.400	2515.400	2515.400	2515.200	2515.200	2515.200	954
Plastic wiring plan pockets			see page	see page	see page	see page	see page	see page	955
Wiring plan pockets with transparent pouch			see page	see page	see page	see page	see page	see page	955
Protective roof		1 pc(s).	2474.010	2475.010	2475.010	2363.010	2363.010	2363.010	958
Earth straps			see page	see page	see page	see page	see page	see page	1033
Baying kit		1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Cable gland, brass M12 x 1.5		15 pc(s).	2411.801	2411.801	2411.801	2411.801	2411.801	2411.801	1056
Cable gland, brass M16 x 1.5		15 pc(s).	2411.811	2411.811	2411.811	2411.811	2411.811	2411.811	1056
Cable gland, brass M20 x 1.5		10 pc(s).	2411.821	2411.821	2411.821	2411.821	2411.821	2411.821	1056
Cable gland, brass M25 x 1.5		10 pc(s).	2411.831	2411.831	2411.831	2411.831	2411.831	2411.831	1056
Cable gland, brass M32 x 1.5		5 pc(s).	2411.841	2411.841	2411.841	2411.841	2411.841	2411.841	1056
Cable gland, brass M40 x 1.5		4 pc(s).	2411.851	2411.851	2411.851	2411.851	2411.851	2411.851	1056
Cable gland, brass M50 x 1.5		2 pc(s).	2411.861	2411.861	2411.861	2411.861	2411.861	2411.861	1056
Cable gland, brass M63 x 1.5		1 pc(s).	2411.871	2411.871	2411.871	2411.871	2411.871	2411.871	1056
Cable gland, polyamide M12 x 1.5		50 pc(s).	2411.601	2411.601	2411.601	2411.601	2411.601	2411.601	1056
Cable gland, polyamide M16 x 1.5		50 pc(s).	2411.611	2411.611	2411.611	2411.611	2411.611	2411.611	1056
Cable gland, polyamide M20 x 1.5		50 pc(s).	2411.621	2411.621	2411.621	2411.621	2411.621	2411.621	1056
Cable gland, polyamide M25 x 1.5		25 pc(s).	2411.631	2411.631	2411.631	2411.631	2411.631	2411.631	1056
Cable gland, polyamide M32 x 1.5		15 pc(s).	2411.641	2411.641	2411.641	2411.641	2411.641	2411.641	1056
Cable gland, polyamide M40 x 1.5		5 pc(s).	2411.651	2411.651	2411.651	2411.651	2411.651	2411.651	1056
Cable gland, polyamide M50 x 1.5		5 pc(s).	2411.661	2411.661	2411.661	2411.661	2411.661	2411.661	1056
Cable gland, polyamide M63 x 1.5		3 pc(s).	2411.671	2411.671	2411.671	2411.671	2411.671	2411.671	1056

¹⁾ The perforated door strip is required for the installation

²⁾ For two-door enclosures: Installation in the lockable door

Hose-proof hood

Increases the protection category and facilitates cleaning,
see page 538



Baying enclosure system VX25



System accessories Page 877 **VX25 sheet steel** Page 116 **Hygienic Design** Page 217 **VX SE stainless steel** Page 248

Material and surface finish:

- Enclosure frame: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Roof: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Door: Stainless steel 1.4301 (AISI 304), 2 mm, exterior brushed, grain size 400
- Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

- Enclosure frame
- Door(s) (r/h hinge, may be swapped to opposite side)
- Roof plate
- Gland plates
- Rear panel
- Mounting plate
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm

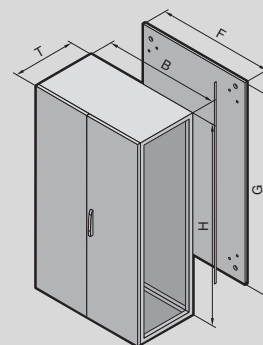
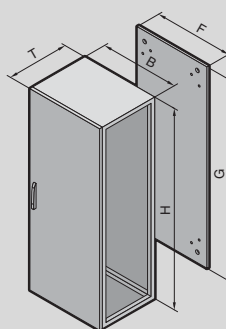
Note:

- Due to the hardness of the material, we recommend using metal multi-tooth screw 2486.400 for the interior installation

Approvals:

- UL
- cUL
- DNV-GL

Further approvals can be found on the Internet.



Baying enclosure system VX25

Basic enclosure, height 1800 mm, depth 400 mm, stainless steel

Width (B) mm	Packs of	800	1200	Page
Height (H) mm		1800	1800	
Depth (T) mm		400	400	
Mounting plate width (F) mm		699	1099	
Mounting plate height (G) mm		1696	1696	
Model No.	1 pc(s).	8454.000	8456.000	
Weight kg		110.0	167.0	
Product-specific scope of supply				
Door(s)		1	2	
Accessories				
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8620.051	8620.053	886
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8620.070	8620.070	887
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8620.061	8620.063	886
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8620.080	8620.080	887
Levelling feet	4 pc(s).	8100.780	8100.780	892
Punched section with mounting flange 23 x 89 mm, stainless steel, in the depth	4 pc(s).	8100.730	8100.730	991
Side panels, screw-fastened, stainless steel	2 pc(s).	8700.030	8700.030	901
Divider panel	1 pc(s).	8609.200	8609.200	905
Divider panel for module plates		–	–	
Baying bracket, internal	6 pc(s).	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	912
Baying connector, external, stainless steel	6 pc(s).	8617.503	8617.503	912
Comfort handle VX for lock inserts	1 pc(s).	8618.220	8618.220	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.280	8618.280	937
Lock inserts		see page	see page	941, 942
180° hinges, stainless steel	4 pc(s).	8618.340	8618.340	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4590.700	4590.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.010	8617.010	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.110	8617.110	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.700	8617.700	993
Support strip for the enclosure depth	20 pc(s).	4694.000	4694.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.810	8617.830	996
LED system light		see page	see page	1014
Earth straps		see page	see page	1033
Section for cable entry, centre		8618.801	8618.803	1045
	Packs of	2 pc(s).	4 pc(s).	
Section for cable entry, rear		8618.811	8618.813	1045
	Packs of	2 pc(s).	4 pc(s).	
Cable duct		see page	see page	1058
Metal multi-tooth screws	300 pc(s).	2486.400	2486.400	1004
Cable clamp rail, right angle section	2 pc(s).	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 1800 mm, depth 500 mm, stainless steel

Width (B) mm	Packs of	600	800	1200	Page
Height (H) mm		1800	1800	1800	
Depth (T) mm		500	500	500	
Mounting plate width (F) mm		499	699	1099	
Mounting plate height (G) mm		1696	1696	1696	
Model No.	1 pc(s).	8457.000	8455.000	8453.000	
Weight kg		91.8	113.0	172.0	
Product-specific scope of supply					
Door(s)		1	1	2	
Accessories					
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8620.050	8620.051	8620.053	886
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8620.071	8620.071	8620.071	887
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8620.060	8620.061	8620.063	886
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8620.081	8620.081	8620.081	887
Levelling feet	4 pc(s).	8100.780	8100.780	8100.780	892
Punched section with mounting flange 23 x 89 mm, stainless steel, in the depth	4 pc(s).	8100.731	8100.731	8100.731	991
Side panels, screw-fastened, stainless steel	2 pc(s).	8700.040	8700.040	8700.040	901
Divider panel	1 pc(s).	8609.201	8609.201	8609.201	905
Divider panel for module plates	1 pc(s).	8609.210	8609.210	8609.210	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external, stainless steel	6 pc(s).	8617.503	8617.503	8617.503	912
Comfort handle VX for lock inserts	1 pc(s).	8618.220	8618.220	8618.220	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.280	8618.280	8618.280	937
Lock inserts		see page	see page	see page	941, 942
180° hinges, stainless steel	4 pc(s).	8618.340	8618.340	8618.340	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4590.700	4590.700	4590.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.020	8617.020	8617.020	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.120	8617.120	8617.120	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.710	8617.710	8617.710	993
Support strip for the enclosure depth	20 pc(s).	4695.000	4695.000	4695.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.830	996
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Section for cable entry, centre		8618.800	8618.801	8618.803	1045
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
Section for cable entry, rear		8618.810	8618.811	8618.813	1045
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
Cable duct		see page	see page	see page	1058
Metal multi-tooth screws	300 pc(s).	2486.400	2486.400	2486.400	1004
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25

Basic enclosure, height 2000 mm, depth 600 mm, stainless steel

Width (B) mm	Packs of	600	800	1200	Page
Height (H) mm		2000	2000	2000	
Depth (T) mm		600	600	600	
Mounting plate width (F) mm		499	699	1099	
Mounting plate height (G) mm		1896	1896	1896	
Model No.	1 pc(s).	8452.000	8450.000	8451.000	
Weight kg		101.0	126.0	191.0	
Product-specific scope of supply					
Door(s)		1	1	2	
Accessories					
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8620.050	8620.051	8620.053	886
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8620.072	8620.072	8620.072	887
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8620.060	8620.061	8620.063	886
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8620.082	8620.082	8620.082	887
Levelling feet	4 pc(s).	8100.780	8100.780	8100.780	892
Punched section with mounting flange 23 x 89 mm, stainless steel, in the depth	4 pc(s).	8100.732	8100.732	8100.732	991
Side panels, screw-fastened, stainless steel	2 pc(s).	8700.050	8700.050	8700.050	901
Divider panel	1 pc(s).	8609.205	8609.205	8609.205	905
Divider panel for module plates	1 pc(s).	8609.213	8609.213	8609.213	906
Baying bracket, internal	6 pc(s).	8617.500	8617.500	8617.500	912
Baying block, internal	6 pc(s).	8617.501	8617.501	8617.501	912
Baying connector, external, stainless steel	6 pc(s).	8617.503	8617.503	8617.503	912
Comfort handle VX for lock inserts	1 pc(s).	8618.220	8618.220	8618.220	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.280	8618.280	8618.280	937
Lock inserts		see page	see page	see page	941, 942
180° hinges, stainless steel	4 pc(s).	8618.340	8618.340	8618.340	951
Punched section with mounting flange, 14 x 39 mm, for tubular door frame	4 pc(s).	8619.720	8619.730	8619.720	952
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4116.500	4118.500	4116.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4116.000	4118.000	4116.000	955
Door stay	1 pc(s).	8618.430	8618.430	8618.430	956
Door stay for escape routes	1 pc(s).	8618.425	8618.425	8618.425	956
Ride-up roller	10 pc(s).	8618.420	8618.420	8618.420	956
Mounting plate infill	1 pc(s).	4591.700	4591.700	4591.700	971
Punched section with mounting flange 18 x 64 mm for the outer level, in the width	4 pc(s).	8617.030	8617.040	8617.060	990
Punched section with mounting flange 18 x 64 mm for the outer level, in the depth	4 pc(s).	8617.030	8617.030	8617.030	990
Punched section with mounting flange 23 x 64 mm for the inner level, in the width	4 pc(s).	8617.130	8617.140	8617.160	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth	4 pc(s).	8617.130	8617.130	8617.130	991
Punched rail 18 x 39 mm for the enclosure depth	4 pc(s).	8617.720	8617.720	8617.720	993
Support strip for the enclosure depth	20 pc(s).	4696.000	4696.000	4696.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4945.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width	2 pc(s).	8617.800	8617.810	8617.830	996
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Section for cable entry, centre		8618.800	8618.801	8618.803	1045
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
Section for cable entry, rear		8618.810	8618.811	8618.813	1045
	Packs of	2 pc(s).	2 pc(s).	4 pc(s).	
Cable duct		see page	see page	see page	1058
Metal multi-tooth screws	300 pc(s).	2486.400	2486.400	2486.400	1004
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.440	1059

Baying enclosure system VX25



System accessories Page 877 **Cable entry** Page 1044 **VX SE IP 66/NEMA 4** Page 147

Material and surface finish:

- Enclosure frame: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Roof: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Door: Stainless steel 1.4301 (AISI 304), 2 mm, exterior brushed, grain size 400
- Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated

Supply includes:

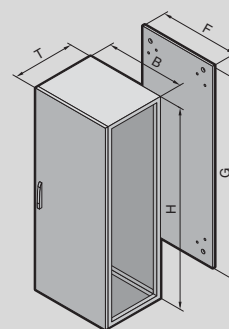
- Enclosure frame
- Door(s) (r/h hinge, may be swapped to opposite side)
- Roof
- Gland plate
- Rear panel
- Mounting plate
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm
- Accessory kit for side panels for upgrading to IP 66/NEMA 4X
- Baying seal

Note:

- Due to the hardness of the material, we recommend using metal multi-tooth screw 2486.400 for the interior installation
- The standard baying connectors VX for bayed suites may be used while maintaining the protection category IP 66/ NEMA 4X

Approvals:

- UL
- cUL
- EAC



Protection category IP to

IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

IP 66/NEMA 4X, stainless steel

Width (B) mm	Packs of	800	Page
Height (H) mm		2000	
Depth (T) mm		600	
Mounting plate width (F) mm		699	
Mounting plate height (G) mm		1896	
Model No.	1 pc(s).	8458.000	
Weight kg		129.0	
Accessories			
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8620.051	886
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8620.072	887
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8620.061	886
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8620.082	887
Punched section with mounting flange 23 x 89 mm, stainless steel, in the depth	4 pc(s).	8100.732	991
Side panels, screw-fastened, stainless steel	2 pc(s).	8700.050	901
Baying bracket, internal	6 pc(s).	8617.500	912
Baying block, internal	6 pc(s).	8617.501	912
Comfort handle VX for lock inserts	1 pc(s).	8618.220	937
Comfort handle VX for profile half-cylinders	1 pc(s).	8618.280	937
Lock inserts		see page	941, 942
Wiring plan pocket, sheet steel, depth 35 mm	1 pc(s).	4118.500	955
Wiring plan pocket, sheet steel, depth 90 mm	1 pc(s).	4118.000	955
LED system light		see page	1014
Cable duct		see page	1058
Cable clamp rail, right angle section	2 pc(s).	8619.420	1059

Cooling units Blue e+, stainless steel

Optimum climate control for stainless steel applications,
see page 486



Free-standing enclosure system VX SE



System accessories Page 877 **VX SE stainless steel** Page 142 **Lock systems** Page 936 **Rail systems** Page 986

Material and surface finish:

- Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Door: Stainless steel 1.4301 (AISI 304), 2 mm, exterior brushed, grain size 400
- Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated
- Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm, uncoated

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

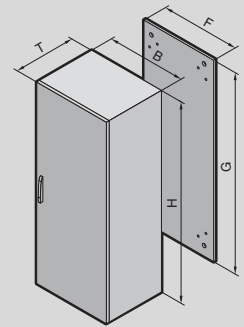
- Enclosure, solid top and sides
- Door(s)
- R/h door hinge with single-door enclosures, may be swapped to opposite side
- Rear panel, detachable
- Mounting plate
- Gland plates
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm

Note:

- Due to the hardness of the material, we recommend using metal multi-tooth screw 2486.400 for the interior installation

Approvals:

- UL
- cUL



Free-standing enclosure system VX SE

Basic enclosure, stainless steel

Width (B) mm	Packs of	600	600	800	800	1000	1200	Page
Height (H) mm		1600	1800	1800	2000	1800	2000	
Depth (T) mm		400	500	500	600	400	500	
Mounting plate width (F) mm		499	499	699	699	899	1099	
Mounting plate height (G) mm		1496	1696	1696	1896	1696	1896	
Model No.	1 pc(s).	5850.600	5851.600	5852.600	5853.600	5854.600	5855.600	
Door(s)		1	1	1	1	1	2	
Accessories								
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8620.050	8620.050	8620.051	8620.051	8620.052	8620.053	886
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8620.070	8620.071	8620.071	8620.072	8620.070	8620.071	887
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8620.060	8620.060	8620.061	8620.061	8620.062	8620.063	886
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8620.080	8620.081	8620.081	8620.082	8620.080	8620.081	887
Levelling feet	4 pc(s).	8100.780	8100.780	8100.780	8100.780	8100.780	8100.780	892
Comfort handle for lock inserts	1 pc(s).	8611.330	8611.330	8611.330	8611.330	8611.330	8611.330	938
Comfort handle for profile half-cylinders	1 pc(s).	8611.340	8611.340	8611.340	8611.340	8611.340	8611.340	938
Lock inserts	1 pc(s).	see page	see page	see page	see page	see page	see page	941, 942
180° hinges	4 pc(s).	8701.180	8701.180	8701.180	8701.180	8701.180	8701.180	951
Punched section with mounting flange, 14 x 39 mm, for door	4 pc(s).	8619.720	8619.720	8619.730	8619.730	8619.750	8619.720	952
Wiring plan pocket, depth 35 mm	1 pc(s).	4116.500	4116.500	4118.500	4118.500	–	4116.500	955
Wiring plan pocket, depth 90 mm	1 pc(s).	4116.000	4116.000	4118.000	4118.000	4124.000	4116.000	955
Door stay	5 pc(s).	4583.000	4583.000	4583.000	4583.000	4583.000	4583.000	956
Door stay for escape routes	1 pc(s).	4583.500	4583.500	4583.500	4583.500	4583.500	4583.500	956
Ride-up roller	10 pc(s).	4538.000	4538.000	4538.000	4538.000	4538.000	4538.000	956
Adaptor rail VX to fit enclosure height	4 pc(s).	8617.750 ²⁾	8617.750	8617.750	8617.751	8617.750	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth	4 pc(s).	8612.040	8612.050	8612.050	8612.060	8612.040	8612.050	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth	4 pc(s).	8612.140	8612.150	8612.150	8612.160	8612.140	8612.150	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾	4 pc(s).	8617.110	8617.120	8617.120	8617.130	8617.110	8617.120	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾	4 pc(s).	8617.130	8617.130	8617.140	8617.140	8617.150	8617.160	991
Punched rail 18 x 39 mm for the enclosure depth ¹⁾	4 pc(s).	8617.700	8617.710	8617.710	8617.720	8617.700	8617.710	993
Support strip for the outer level for enclosure depth	20 pc(s).	4694.000	4695.000	4695.000	4696.000	4694.000	4695.000	994
Support strip for the inner level for enclosure depth	20 pc(s).	4309.000	4596.000	4596.000	8800.130	4309.000	4596.000	994
C rail 30/15, for the enclosure width	6 pc(s).	4944.000	4944.000	4945.000	4945.000	4946.000	4947.000	996
Support rail 48 x 26 mm, for the enclosure width ¹⁾	2 pc(s).	8617.800	8617.800	8617.810	8617.810	8617.820	8617.830	996
LED system light		see page	see page	see page	see page	see page	see page	1014
Earth straps		see page	see page	see page	see page	see page	see page	1033
Cable entry plate		8619.800	8619.800	8619.801	8619.801	8619.802	8619.803	1044
	Packs of	2 pc(s).	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	
	8 cables, max. Ø 13 mm	25 pc(s).	4316.000	4316.000	4316.000	4316.000	4316.000	1044
	3 cables, max. Ø 21 mm	25 pc(s).	4317.000	4317.000	4317.000	4317.000	4317.000	1044
Cable entry grommets	1 cable, max. Ø 47 mm	25 pc(s).	4318.000	4318.000	4318.000	4318.000	4318.000	1044
		10 pc(s).	4311.000	4311.000	4311.000	4311.000	4311.000	1044
Connector grommets			8618.800	8618.800	8618.801	8618.801	8618.802	1045
Section for cable entry, centre	Packs of	2 pc(s).	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	
			8618.810	8618.810	8618.811	8618.811	8618.812	1045
Section for cable entry, rear	Packs of	2 pc(s).	2 pc(s).	2 pc(s).	2 pc(s).	4 pc(s).	4 pc(s).	
			see page	see page	see page	see page	see page	1058
Cable duct			see page	see page	see page	see page	see page	1058
Cable clamp rail, right angle section	2 pc(s).		8619.410	8619.410	8619.420	8619.420	8619.440	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

²⁾ The VX adaptor rail for 1800 mm high enclosures 8617.750 can be cut to length accordingly for use in 1600 mm high enclosures

Free-standing enclosure system VX SE



System accessories Page 877 VX SE stainless steel Page 142

Material and surface finish:

- Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Door: Stainless steel 1.4301 (AISI 304), 2 mm, exterior brushed, grain size 400
- Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed, grain size 400
- Mounting plate: Sheet steel, 3 mm, zinc-plated, passivated
- Base plate: Stainless steel 1.4301 (AISI 304), 1.5 mm

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

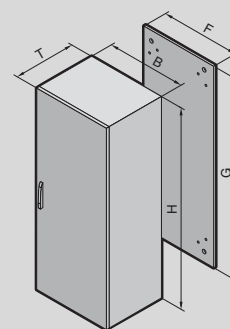
- Enclosure, solid top and sides
- Door(s)
- Door hinged on the right, may be swapped to the left
- Rear panel, detachable
- Mounting plate
- Base, solid
- Lock: 3 mm double-bit
- 2 punched rails 18 x 39 mm

Note:

- Due to the hardness of the material, we recommend using metal multi-tooth screw 2486.400 for the interior installation

Approvals:

- UL
- cUL



IP 66/NEMA 4X, stainless steel

Width (B) mm	Packs of	600	800	800	Page
Height (H) mm		1600	1800	2000	
Depth (T) mm		400	500	600	
Mounting plate width (F) mm		499	699	699	
Mounting plate height (G) mm		1496	1696	1896	
Model No.	1 pc(s).	5850.680	5852.680	5853.680	
Accessories					
Base/plinth corner pieces with base/plinth trim panels, front and rear, 100 mm	2 pc(s).	8620.050	8620.051	8620.051	886
Base/plinth trim panels, sides, 100 mm	2 pc(s).	8620.070	8620.071	8620.072	887
Base/plinth corner pieces with base/plinth trim panels, front and rear, 200 mm	2 pc(s).	8620.060	8620.061	8620.061	886
Base/plinth trim panels, sides, 200 mm	2 pc(s).	8620.080	8620.081	8620.082	887
Levelling feet	4 pc(s).	8100.780	8100.780	8100.780	892
Comfort handle for lock inserts	1 pc(s).	8611.330	8611.330	8611.330	938
Comfort handle for profile half-cylinders	1 pc(s).	8611.340	8611.340	8611.340	938
Lock inserts	1 pc(s).	see page	see page	see page	941, 942
Punched section with mounting flange, 14 x 39 mm, for door	4 pc(s).	8619.720	8619.730	8619.730	952
Wiring plan pocket, depth 90 mm	1 pc(s).	4116.000	4118.000	4118.000	955
Door stay	5 pc(s).	4583.000	4583.000	4583.000	956
Adaptor rail VX to fit enclosure height	4 pc(s).	8617.750 ²⁾	8617.750	8617.751	995
Punched section with mounting flange 17 x 73 mm for the inner level, in the depth	4 pc(s).	8612.040	8612.050	8612.060	992
Punched section with mounting flange 17 x 73 mm for the outer level, in the depth	4 pc(s).	8612.140	8612.150	8612.160	992
Punched section with mounting flange 23 x 64 mm for the inner level, in the depth ¹⁾	4 pc(s).	8617.110	8617.120	8617.130	991
Punched section with mounting flange 23 x 64 mm for the inner level, in the width ¹⁾	4 pc(s).	8617.130	8617.140	8617.140	991
LED system light		see page	see page	see page	1014
Earth straps		see page	see page	see page	1033
Cable clamp rail, right angle section	2 pc(s).	8619.410	8619.420	8619.420	1059

¹⁾ The VX adaptor rail is required for installation in the vertical enclosure sections. Overview of VX SE compatible rail systems, see page 986

²⁾ The VX adaptor rail for 1800 mm high enclosures 8617.750 can be cut to length accordingly for use in 1600 mm high enclosures



System accessories Page 877 Monitors, keyboards Page 1109 Climate control Page 449 One-piece consoles, sheet steel Page 161

Material:

- Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Door or double door and console lid: Stainless steel 1.4301 (AISI 304), 2.0 mm
- Mounting plate: Sheet steel, 3.0 mm

Surface finish:

- Enclosure, door, console lid and gland plates: Brushed, grain 400
- Mounting plate: Zinc-plated

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

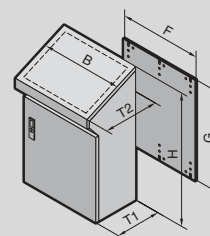
- NEMA 12

Supply includes:

- Enclosure, solid back and sides
- Door or double door at front, with locking rod
- Console lid with lid stay and cam lock latched in the enclosure
- Locks with double-bit insert
- Gland plates, divided
- Mounting plate

Approvals:

- UL
- CSA
- TÜV
- Russian Maritime Register of Shipping



Stainless steel

Width (B) mm	Packs of	600	800	1000	1200	Page
Height (H) mm		960	960	960	960	
Depth, Bottom (T1) mm		400	400	400	400	
Depth, Top (T2) mm		480	480	480	480	
Mounting plate width (F) mm		530	730	930	1130	
Mounting plate height (G) mm		780	780	780	780	
Model No.	1 pc(s).	2683.600	2684.600	2685.600	2686.600	
Number of doors		1	1	2	2	
Weight kg		52.0	65.2	79.5	90.3	

Accessories

Base/plinth, complete	1 pc(s).	2865.000	2869.000	2867.000	2870.000	890
Comfort handle AX	1 pc(s).	2435.300	2435.300	2435.300	2435.300	939
Support rail TS 35/15	6 pc(s).	4934.000	4935.000	4933.000	4937.000	997
LED system light		see page	see page	see page	see page	1014
Hose-proof hood		see page	see page	see page	see page	538

PC enclosure system



System accessories Page 877 **Monitors, keyboards** Page 1109 **PC enclosure system, sheet steel** Page 164

Material:

- Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Rear door: Stainless steel 1.4301 (AISI 304), 2.0 mm
- Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm
- Monitor field: Single-pane safety glass, 4 mm

Surface finish:

- Brushed, grain 400

Protection category IP to IEC 60 529:

- IP 55

Protection category NEMA:

- NEMA 12

Supply includes:

- Enclosure, solid top and sides
- Rear door with locking rod
- Glazed door at the top, latched from the inside
- Component shelf
- Keyboard drawer with fold-down front door for handrest and mouse pad support
- Lock insert, lock no. 3524 E
- Bottom door with locking rod
- Gland plates, divided

Approvals:

- UL
- cUL

Stainless steel

Width mm	Packs of	600	Page
Height mm		1600	
Depth mm		630	
Model No.	1 pc(s).	4650.150	
Weight kg		115.0	
Accessories			
Base/plinth corner piece with base/plinth trim panels, front and rear, 100 mm, stainless steel	2 pc(s).	8620.050	886
Base/plinth trim panels, sides, 100 mm, stainless steel	2 pc(s).	8620.072	887
Levelling feet	4 pc(s).	2859.000	893
Comfort handle		see page	938
Component shelf, pull-out	1 pc(s).	6902.960	1007
Adaptor rail	4 pc(s).	8617.760	995
Partial mounting plates	1 pc(s).	8617.550	975
Punched section with mounting flange, 23 x 89 mm, stainless steel	2 pc(s).	8100.732	991
Punched section with mounting flange, 23 x 64 mm	4 pc(s).	8617.130	991
Punched section with mounting flange, 17 x 73 mm		see page	992
LED system light		see page	1014



System accessories Page 877 **Support arm system CP 40, stainless steel** Page 188 **Hygienic Design** Page 217

Benefits:

- Resistant to high-pressure cleaning: The seal lies between two surfaces and is optimally compressed by the screw fastening.
- Suitable for clean room use: Screw fastening to comply with high standards in the food industry. With plastic stoppers on the inside or hex screws on the outside.

Material:

- Stainless steel 1.4301 (AISI 304)

Surface finish:

- Brushed, grain 400

Protection category IP to

IEC 60 529:

- IP 66
- IP X9

Clean room class:

- Air purity class 1 to DIN EN ISO 14 644-1

Stainless steel

Width mm	Packs of	530	Page
Height mm		360	
Depth mm		120	
Operating housing for panel width mm		482.6	
Operating housing for panel height mm		310	
Installation depth mm		115	
Support arm connection		Top or bottom (by rotating the enclosure)	
Model No.	1 pc(s).	6681.000	
Weight kg		9.3	

Command panel housing with door



System accessories Page 877 **Support arm system CP 40, stainless steel** Page 188 **Hygienic Design** Page 217

Material:

- Enclosure and door: Stainless steel 1.4301 (AISI 304)
- Handle strips: Plastic approved for use with foodstuffs, dyed blue

Surface finish:

- Brushed, grain 400

Colour:

- Handle strips: similar to RAL 5002

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 12

Supply includes:

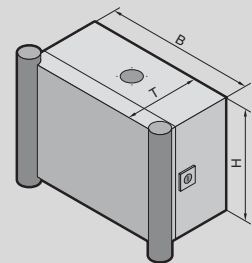
- Enclosure of all-round solid construction
- Cut-out and reinforcement for support arm system CP 40 stainless steel
- Fastener with guide plate
- Door with sealing frame and side handle strips
- Lock: 3 mm double-bit

Note:

- The support arm connection and door hinge may be swapped over by rotating the enclosure
- 3 mm double-bit lock insert may be exchanged for 41 mm lock inserts, plastic handles and T handles, type C

Approvals:

- UL
- CSA
- TÜV

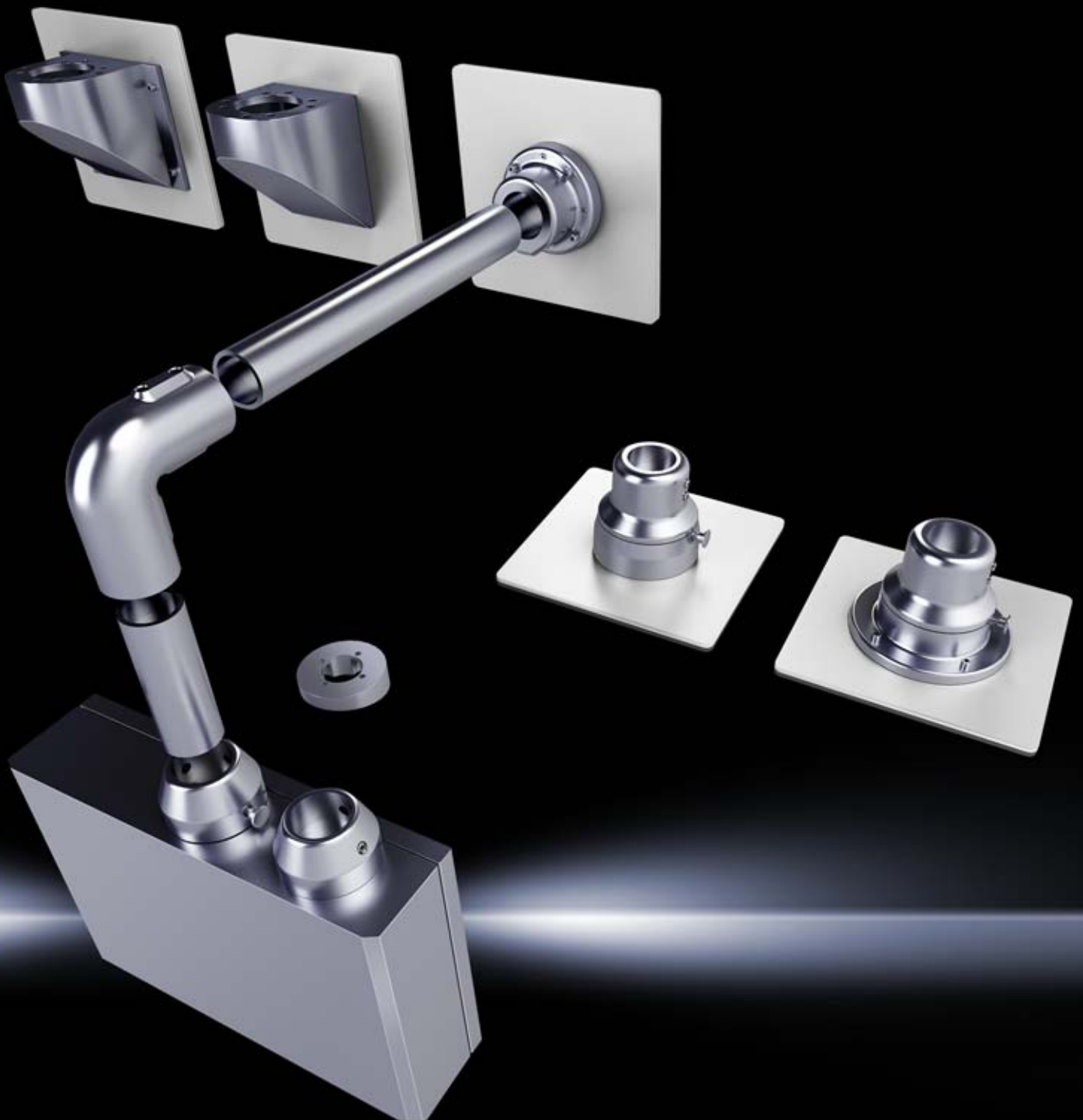


Stainless steel

Width (B) mm	Packs of	300	400	400	600	Page
Height (H) mm		300	300	400	400	
Depth (T) mm		150	150	150	150	
Model No.	1 pc(s).	6535.010	6536.010	6538.010	6539.010	
Weight kg		6.3	7.5	8.8	12.1	
Accessories						
Support rail TS 35/7.5	10 pc(s).	2316.000	2317.000	2317.000	–	997
Support rail TS 35/15	10 pc(s).	–	–	–	2319.000	997
Support strip	20 pc(s).	–	4694.000	4694.000	4696.000	994

Support arm system CP 40

Optimum interaction between operation and monitoring,
also available in stainless steel, see page 188



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Ex enclosures

Ex enclosures

Stainless steel, empty enclosure with screw-fastened cover	258
Stainless steel, empty enclosure with hinged door	259
Plastic AX, empty enclosure with hinged door.....	260
Accessories	261



Ex enclosures



System accessories Page 877

Applications:

- Zone 1 and 2 or 21 and 22 to 2014/34/EU
- Ambient temperature range: -30 °C...+80 °C
- The specified temperatures may be limited by the installed equipment
- Explosion protection category to EN 60 079: Equipment protection thanks to increased safety (Ex e), equipment protection thanks to enclosure (Ex tB)

Material:

- Enclosure: Stainless steel 1.4301 (AISI 304)
- Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in silicone seal

Surface finish:

- Enclosure: Exterior brushed, grain size 400

Protection category IP to IEC 60 529:

- IP 66

Supply includes:

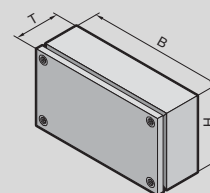
- Enclosure
- Cover

Certificates:

- PTB 03 ATEX 1013U
- IEC Ex PTB 09.0033U

Approvals:

- ATEX
- IECEx PTB



Stainless steel, empty enclosure with screw-fastened cover

Width (B) mm	Packs of	150	200	300	300	300	400	Page
Height (H) mm		150	200	150	200	300	200	
Depth (T) mm		80	80	80	80	120	120	
Model No.	1 pc(s).	9301.000	9303.000	9302.000	9304.000	9306.000	9305.000	
Weight kg		1.3	1.8	1.8	2.4	3.9	3.6	
Accessories								
Mounting plates	1 pc(s).	1560.800	1562.800	1561.800	1563.800	1567.800	1564.800	970
Wall-mounting bracket, stainless steel	4 pc(s).	1594.010	1594.010	1594.010	1594.010	1594.010	1594.010	965
Support rails TS 35/7.5	10 pc(s).	2314.000	2315.000	2316.000	2316.000	2316.000	2317.000	997
Earth straps		see page	see page	see page	see page	see page	see page	1033



System accessories Page 877

Applications:

- Zone 1 and 2 or 21 and 22 to 2014/34/EU
- Ambient temperature range: -30 °C...+80 °C
- The specified temperatures may be limited by the installed equipment
- Explosion protection category to EN 60 079: Equipment protection thanks to increased safety (Ex e), equipment protection thanks to enclosure (Ex tB)

Material:

- Enclosure: Stainless steel 1.4301 (AISI 304)
- Door: Stainless steel 1.4301 (AISI 304), all-round foamed-in silicone seal
- Mounting plate: Sheet steel

Surface finish:

- Enclosure: Brushed, grain size 400, peak-to-valley height < 0.8 µm
- Mounting plate: Zinc-plated

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

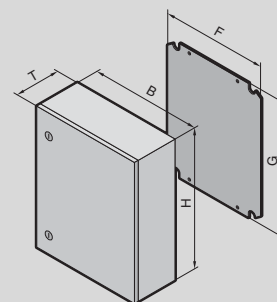
- Enclosure
- Door
- Mounting plate

Certificates:

- PTB 02 ATEX 1082U
- IEC Ex PTB 09.0035U

Approvals:

- UL
- cUL
- ATEX
- IECEx PTB



Stainless steel, empty enclosure with hinged door

Width (B) mm	Packs of	200	300	380	380	380	600	600	760	800	Page
Height (H) mm		300	380	300	380	600	600	760	760	1000	
Depth (T) mm		155	210	155	210	210	210	210	300	300	
Mounting plate width (F) mm		162	275	334	334	334	549	549	704	739	
Mounting plate height (G) mm		275	334	275	355	570	570	730	730	955	
Model No.	1 pc(s).	9401.600	9409.600	9402.600	9403.600	9404.600	9405.600	9406.600	9407.600	9408.600	
Cam lock with 3 mm double-bit insert		1	1	1	1	2	2	2	2	2	
Reinforcement section in the door		–	–	–	–	–	■	■	■	■	
Weight kg		5.0	8.1	7.8	10.1	16.9	25.2	32.5	44.1	57.8	
Accessories											
Wall mounting bracket	4 pc(s).	2433.000	2433.000	2433.000	2433.000	2433.000	2433.000	2433.000	2433.000	2433.000	261
Support rails TS 35/7.5	10 pc(s).	2315.000	2316.000	–	–	–	–	–	–	–	997
Support rails TS 35/15	10 pc(s).	–	–	–	–	–	2319.000	2319.000	–	–	997
Earth straps		see page	see page	see page	see page	see page	see page	see page	see page	see page	1033

Ex enclosures



System accessories Page 877

Applications:

- Zone 1 and 2 or 21 and 22 to 2014/34/EU
- Ambient temperature range: -30 °C...+80 °C
- The specified temperatures may be limited by the installed equipment
- Explosion protection category to EN 60 079: Equipment protection thanks to increased safety (Ex e), equipment protection thanks to enclosure (Ex tB)

Material:

- Enclosure: Fibreglass-reinforced unsaturated polyester, surface resistance: $< 10^9 \Omega$
- Door: Fibreglass-reinforced unsaturated polyester, surface resistance: $< 10^9 \Omega$ all-round foamed-in silicone seal
- Mounting plate: Sheet steel, zinc-plated, passivated

Colour:

- RAL 9011

Protection category IP to IEC 60 529:

- IP 66

Supply includes:

- Enclosure
- Door
- Mounting plate

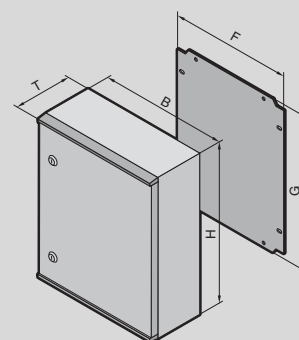
Certificates:

Available on the Internet

Approvals:

- ATEX
- IECEx PTB

Further approvals can be found



Plastic AX, empty enclosure with hinged door

Width (B) mm	Packs of	250	300	400	400	500	600	600	800	Page
Height (H) mm		350	400	400	600	500	600	800	1000	
Depth (T) mm		150	200	200	200	300	200	300	300	
Mounting plate width (F) mm		155	205	305	305	405	505	505	705	
Mounting plate height (G) mm		275	325	325	525	425	525	725	925	
Model No.	1 pc(s).	9202.100	9203.100	9204.100	9205.100	9207.100	9206.100	9208.100	9209.100	
Cam lock with 3 mm double-bit insert		1	2	2	2	2	2	3	3	
Weight kg		4.4	6.4	7.8	11.2	13.3	15.7	22.8	34.6	
Accessories										
Wall mounting bracket	4 pc(s).	1485.500	1485.500	1485.500	1485.500	1485.500	1485.500	1485.500	1485.500	261
Screw for interior installation	50 pc(s).	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	1485.300	261
Pole clamp	2 pc(s).	2584.110	2584.110	2584.110	2584.110	2584.110	2584.110	2584.110	2584.110	968
Universal bracket	4 pc(s).	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	1485.200	97
Door stay AX	2 pc(s).	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	1485.100	96
LED system light		-	-	2500.100	2500.100	2500.100	2500.100	2500.110	2500.110	1014

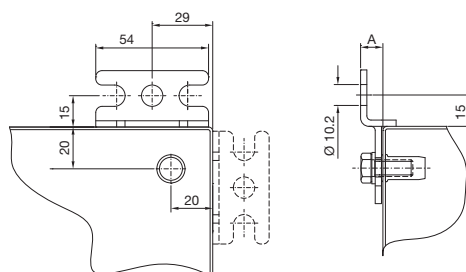
Wall mounting bracket

For the attachment of Ex empty enclosures, stainless steel.

Supply includes:

- Assembly parts for mounting on the enclosure

Material	Wall distance (A) mm	Packs of	Model No.
Stainless steel 1.4301 (AISI 304)	10	4 pc(s).	2433.000



Wall mounting bracket

for AX plastic

For attachment to the wall, only possible from the outside of the enclosure.

Material:

- Fibreglass-reinforced polyamide¹⁾

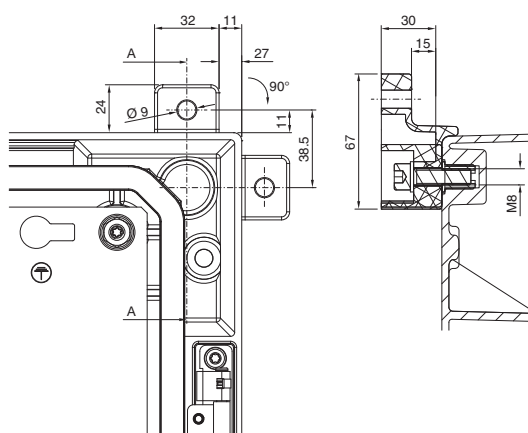
Supply includes:

- Assembly parts for mounting on the enclosure

Colour	Packs of	Model No.
RAL 7035	4 pc(s).	1485.400
RAL 9011	4 pc(s).	1485.500¹⁾

¹⁾ With graphite additive for Ex applications

Section A – A



Screw for interior installation

for AX plastic

For mounting accessories on the mounting bosses in the enclosure body.

Drive: Multi-tooth 25

Dimensions: 5 x 14 mm

Type of screw	Packs of	Model No.
Pan head screw, self-tapping	50 pc(s).	1485.300



Rittal – The System.

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Outdoor

Outdoor enclosures

Basic enclosures	266
Wall-mounted enclosures	269

Outdoor project solutions

Toptec	270
Multifunctional enclosures.....	271

At home in any outdoor application





Energy

- Mounting benefits – Flexible basic enclosure, with doors front and rear on request, 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

- The 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 class RC4

Telematics

- Optimum protection against corrosion – Coordinated mix of materials for heavily contaminated roadside environments helps to extend servicing intervals



Outdoor 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 has an IP-compatible covering

Integral transport options

- Eyebolts on the inner roof, concealed by the rain canopy
- For transporting the fully configured unit by crane

Systematic installation benefits

- System punchings in the base ensure system compatibility
- Extensive range of system-compatible accessories for individual installations



Outdoor Basic enclosures



Climate control Page 449 **Outdoor housing** Page 958 **Cable routing** Page 1044

Outdoor 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:

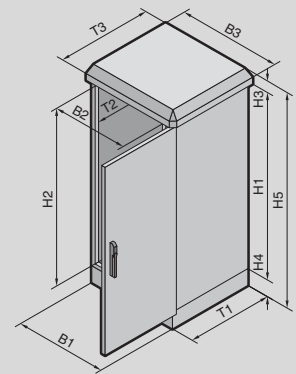
- RAL 7035

Protection category IP to IEC 60 529:

- IP 55
- NEMA 3R

Supply includes:

- Single-walled outdoor enclosure, fully preconfigured
- 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 profile half-cylinder, lock BJ 20027
- Transport plinth with screw-fastened trim panels front and rear
- Enclosure width 1200 mm has two 600 mm wide mounting panels
- Rain canopy



Single-walled

Width (B1) mm	Packs of	600	800	1200	Page
Height (H1) mm		1200	1200	1200	
Depth (T1) mm		500	500	500	
Clearance width (B2) mm		512	712	512	
Clearance height (H2) mm		1112	1112	1112	
Clearance depth (T2) mm		449	449	449	
Rain canopy width (B3) mm		650	850	1250	
Rain canopy height (H3) mm		55	55	55	
Rain canopy depth (T3) mm		550	550	550	
Base/plinth height (H4) mm		100	100	100	
Overall height (H5) mm		1355	1355	1355	
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					
Mounting plate	1 pc(s).	9765.092	9765.095	9765.191	981
Enclosure heater	1 pc(s).	3105.400	3105.400	3105.400	531
Thermostat	1 pc(s).	3110.000	3110.000	3110.000	547
Profile half-cylinders	1 pc(s).	9785.040	9785.040	9785.040	942
Mounting angles, 482.6 mm (19")	2 pc(s).	7688.000	7688.000	7688.000	
Installation bracket for mounting angles, 482.6 mm (19")	2 pc(s).	7696.000	7698.000	7696.000	
LED system light		see page	see page	see page	1014

Outdoor wall-mounted enclosures



Compact enclosures AX, stainless steel Page 236 **Hygienic Design** Page 217 **Outdoor housing** Page 958

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 and mounting plate: Aluminium, AlMg3
- Door, inner enclosure: Stainless steel 1.4301 (AISI 304)

Surface finish:

- Enclosure: Powder-coated, UV-resistant pure polyester

Colour:

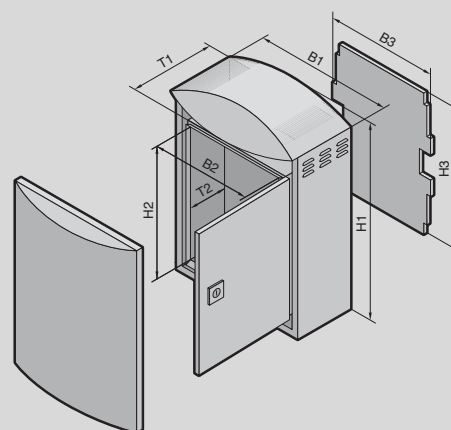
- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

Supply includes:

- Twin-walled outdoor enclosure, fully preconfigured
- 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



Twin-walled

Outer enclosure						
Width (B1) mm	Packs of	370	420	530	630	Page
Height (H1) mm		522	560	700	780	
Depth (T1) mm		210	210	265	380	
Inner enclosure						
Width (B2) mm		300	350	460	580	
Height (H2) mm		400	440	565	580	
Depth (T2) mm		170	170	220	333	
Clearance width mm		280	330	440	560	
Clearance height mm		380	420	545	560	
Clearance depth mm		145	145	195	308	
Mounting plate width (B3) mm		270	320	430	550	
Mounting plate height (H3) mm		380	410	535	550	
Model No.	1 pc(s).	9791.015	9791.025	9791.035	9791.045	
Accessories						
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	968
Enclosure heater	1 pc(s).	3105.330	3105.330	3105.330	3105.330	530
Thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	547
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	547
Socket	2 pc(s).	2506.120	2506.120	2506.120	2506.120	1042
LED system light		see page	see page	see page	see page	1014

Toptec project solutions

The universal platform for outdoor applications

- Weather canopy – With projection on all sides
- Chimney effect of the twin-walled structure – Reduces the influence of sunlight
- Mounting benefit – Open frame structure for fast configuration, also applies to bayed variants
- Energy-efficient – The new wall-mounted cooling unit Blue e+ Outdoor can be used worldwide, thanks to its multi-voltage capability, and is suitable for use e.g. with Toptec project solutions



Design

Enclosure type:

- Outdoor enclosure, twin-walled

Material:

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

Project solutions with multifunctional enclosures

Your 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



Design

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") standard field: Stainless steel

Software for enclosures

Configurators/tools/CAD data

Enclosures

Menu-prompted configurators help you to select the right enclosure and matching standard accessories. The calculated results contain the Rittal Model Numbers for your parts list definition.



Rittal Configuration System

The latest dimension in configuration for Rittal – The System.

Simply select your preferred enclosure system and launch the configuration process. Climate control components, busbars and accessories are easily added to the enclosure without specialist product know-how, thanks to the use of plausibility-checked components. The configuration progress can be followed at any time with 3D visualisation. Cut-outs e.g. for fan-and-filter units, switches, connectors and cable entries are easily planned and positioned directly on the enclosure with the Rittal Configuration System. Parts lists, drawings and technical documents for your configuration are generated automatically.

Benefits:

- Plausibility-checked, error-free product configuration
- Control of the ongoing configuration status with 3D visualisation
- Simple planning of modifications and machining of enclosures and housings
- Order configured products directly from the Rittal online shop
- Direct data transfer of the configuration results into EPLAN Pro Panel
- Free online tool – suitable for use with any standard Web browser, no login required

Note:

- Configure online at www.rittal.com/configurators



Software for enclosures

Configurators/tools/CAD data

Human/machine interface

Operation and monitoring play an increasingly vital role in mechanical and plant engineering. Rittal meets the exacting requirements placed on the "packaging" of the sensitive yet powerful electronics with its integrated modular system at the human/machine interface.

Design, function and ergonomics are the distinguishing features of this product range. Rittal provides free Internet planning tools to assist with planning and engineering of the command panels and support arm systems. In this way, the right product for your customer application is achieved simply, quickly and reliably.

Command panel configurators

for aluminium command panels

The online configurators for Comfort Panel and Optipanel allow you to configure individual, perfectly coordinated panel solutions. Using a catalogue of questions, the configurators automatically guide you through the individual selection masks until you have compiled a complete system. The system also has a built-in smart consistency check to ensure that your configuration is complete and error-free.

Benefits:

- Select the enclosure to match the HMI panel used (the integral database contains a variety of commercial panels from various manufacturers)
- Navigate easily through the catalogue of questions
- Quickly compile the required features
- Request a quote based on the selected data records
- Request a 3D CAD model for integration into the system design

Note:

- Optipanel and Comfort Panel:
Configure online at
www.rittal.com/configurators



Support arm configurator

for CP 40/60/120/180, support section, height-adjustable

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

Benefits:

- Individual assembly tailored to the requirements of the application
- Built-in consistency check
- The outcome is a plausibility-checked parts list plus CAD data for the configured components
- Order directly from the online shop

Note:

- Configure online at
www.rittal.com/configurators



Software for enclosures

Configurators/tools/CAD data



CAD data

Greater efficiency in plant design

Whichever CAD system you use, 2D and 3D CAD data provide effective support with the efficiency and productivity of your plant design work.

It includes both 2D and 3D drawings for all Rittal items plus an extensive range of system accessories.

Retrieval options:

- CAD data online: Request data from the product page on the Rittal website
- Online: Data via the Web platform "PARTcommunity"
- Online: As an app

Benefits for users of CAD data:

- All CAD data may be transferred into any commercially available CAD system, thanks to the intelligent, native 2D/3D multiCAD-compatible format.
- The accurately detailed and validated drawings allow users to create design drawings with optimum planning confidence, in a fraction of the time taken for conventional design, by simply remodelling.
- Thanks to the freely selectable level of detail in CAD models, these may be represented in a greatly simplified format, enabling huge performance enhancements among users.

Note:

- Fast online access to original data in all commercially available CAD formats directly from the Model Number



Online conversion assistant for small enclosures KX and compact enclosures AX

Convert quickly and easily with the parts list converter

- Load your complete parts list based on enclosure types KL, EB, BG, AE and CM including accessories into the conversion assistant and convert to AX/KX
- Quick search: Individual Model Numbers are also easily located using the search box
- Generate CSV parts lists for uploading into the EPLAN Data Portal basket

Benefits:

- Save time with fast, simple conversion of entire parts lists
- Directly recode project parts lists and transfer all project items into your own item database via the EPLAN Data Portal basket. There is no need to download individual macros into the item database.

Note:

- Convert directly online at www.rittal.com/ax



Product Scan app

All product information in a single scan

- Fast access to all relevant product information by scanning the QR code on the product
- Create scan lists and export the lists for subsequent use
- Track scanned products in your scan history

Note:

- Downloaded free from the App Store and from the Google Play Store



Android app



iPhone app