

TEMPA PANO

Enclosures engineered...

*"güvenilir
çözüm ortağınız,,
"your reliable
solution partner,,*

HiT
HUMAN INTERFACE TECHNOLOGIES



www.tempapano.com

CATALOGUE 10



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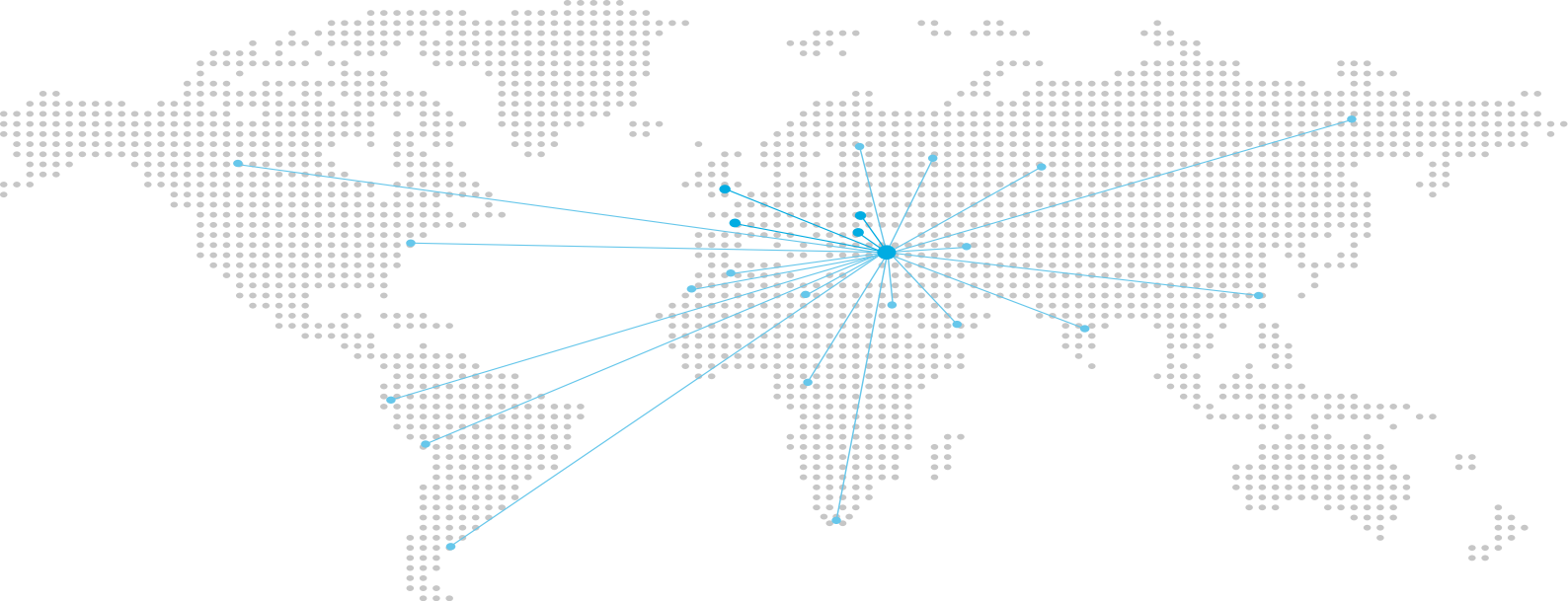
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“Tempa Pano has been manufacturing Low Voltage Electrical Enclosures” since 1989. During this time the company has consolidated its position as a market leader in the industry. To cement that position a substantial investment has been made into a new 22,000m² production site in Dilovasi Industrial Machinery Site. The investment will provide a substantial increase in production capabilities with the use of advanced technology and experienced engineers. Tempa Pano take pride in being the first choice solutions partner to customers providing a wide range of products and services.”



about

Corporate Values

We aim to always be the best in our area and strive to meet new heights.

Individual Initiative

To promote individual initiative within the company in a customer focused environment. Everybody's job is important to ensure a quality product and service to our customers.

Customer Focus

To provide a partnership to our customer base ensuring the correct product solutions and after sales service. To provide a flexible service to match all customer requirements.

Reliability

The company actively promotes mutual trust and honesty between employees, customers and shareholders striving to make the TEMPA PANO name synonymous with fairness and honesty.



WALL MOUNTED ENCLOSURES

FLOOR STANDING ENCLOSURES

STAINLESS STEEL ENCLOSURES

OPERATING ENCLOSURES

EX-PROOF ENCLOSURES

ELECTRONIC SYSTEM CABINETS

HUMAN INTERFACE TECHNOLOGIES

BUSBAR DISTRIBUTION SYSTEMS

AIR CONDITIONING SYSTEMS

ENCLOSURE LIGHTING

Characteristics

Material

Sheet Steel (EN 10130 DC01)
■ Body : 1.2 mm
■ Lid : 1.2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

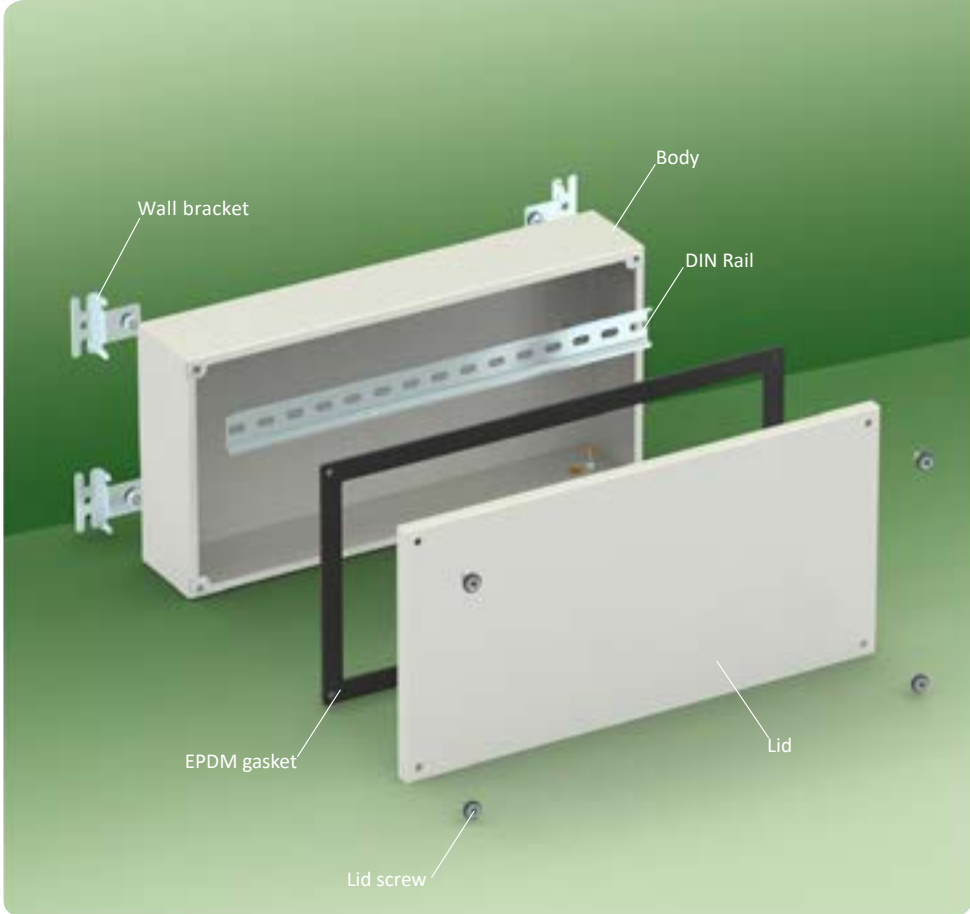
■ IP55 (TS 3033, EN 60529)

Others

■ All welded construction
■ Screwed plain lid
■ One piece EPDM lid gasket
■ Ready for DIN rail fixing

On Request

■ Custom sizes
■ Custom colour
■ Pre-punching



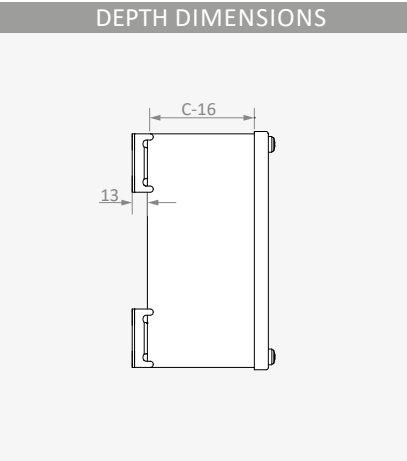
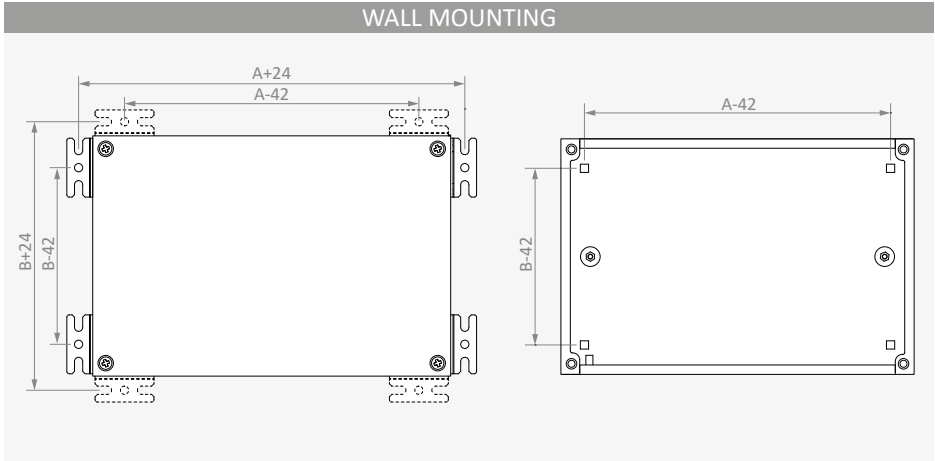
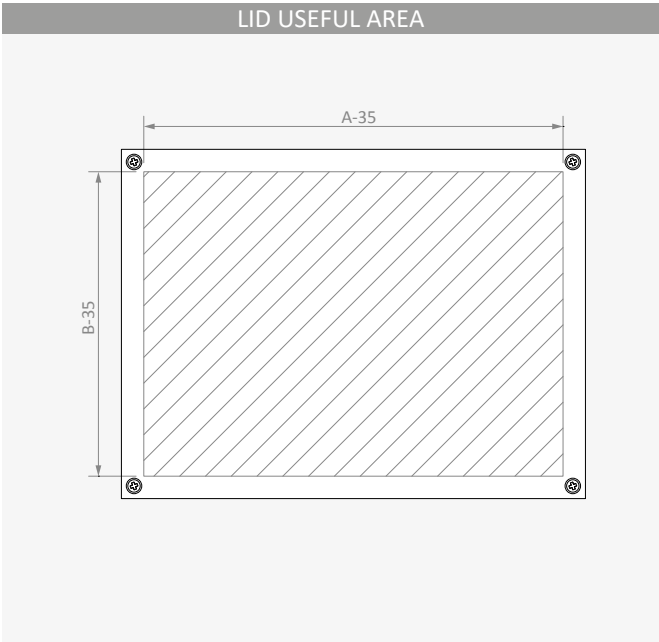
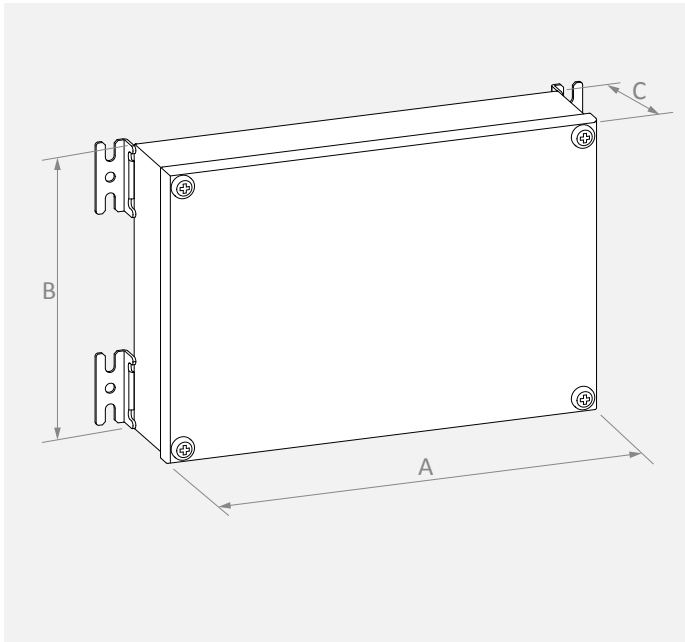
Supply Includes

■ Body
■ Lid
■ Lid gasket
■ Lid screws

Complementary Accessories

■ DIN rail
■ Wall bracket 2/4
■ Earthing cable

Width	Height	Depth	Reference	Useful Area			Wall Mounting						DIN Rail Fixing	Weight
A	B	C		Lid		Side	With Bracket				Internal		↔ mm	
				↔ mm	↕ mm	↗ mm	Side		Up/Down		Internal			
							↔ mm	↕ mm	↔ mm	↕ mm	↔ mm	↕ mm		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
80	160	60	JB 081606	45	125	44	---	118	---	184	---	118	30	0.6
100	100	60	JB 101006	65	65	44	---	58	---	124	---	58	50	0.6
120	120	60	JB 121206	85	85	44	---	78	---	144	---	78	70	0.7
150	150	60	JB 151506	115	115	44	---	108	---	174	---	108	100	0.9
160	160	80	JB 161608	125	125	64	---	118	---	184	---	118	110	1.4
200	200	80	JB 202008	165	165	64	---	158	---	224	---	158	150	1.9
300	200	100	JB 302010	265	165	84	324	158	258	224	258	148	250	2.4
	300	100	JB 303010	265	265	84	324	258	258	324	258	248	2 x 250	3.2
400	200	100	JB 402010	365	165	84	424	158	358	224	358	148	350	2.8
	300	100	JB 403010	365	265	84	424	258	358	324	358	248	2 x 350	4.0
	400	100	JB 404010	365	365	84	424	358	358	424	358	348	2 x 350	5.0



Characteristics

Material

Sheet Steel (EN 10130 DC01)

■ Body : 1.2 mm

■ Door : 1.2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

■ IP55 (TS 3033, EN 60529)

Others

■ All welded construction

■ Glazed door fixed with two screws

■ Foamed-in door PU sealing gasket

■ 135° concealed hinges

■ Top and bottom gland plates

■ One piece PE gasket for gland plate

■ Ready for DIN rail fixing

On Request

■ Custom sizes

■ Custom colour

■ Pre-punching

■ Solid door

■ Special mounting plate

Supply Includes

■ Body

■ Glazed door

■ 2 pcs DIN rail fasteners

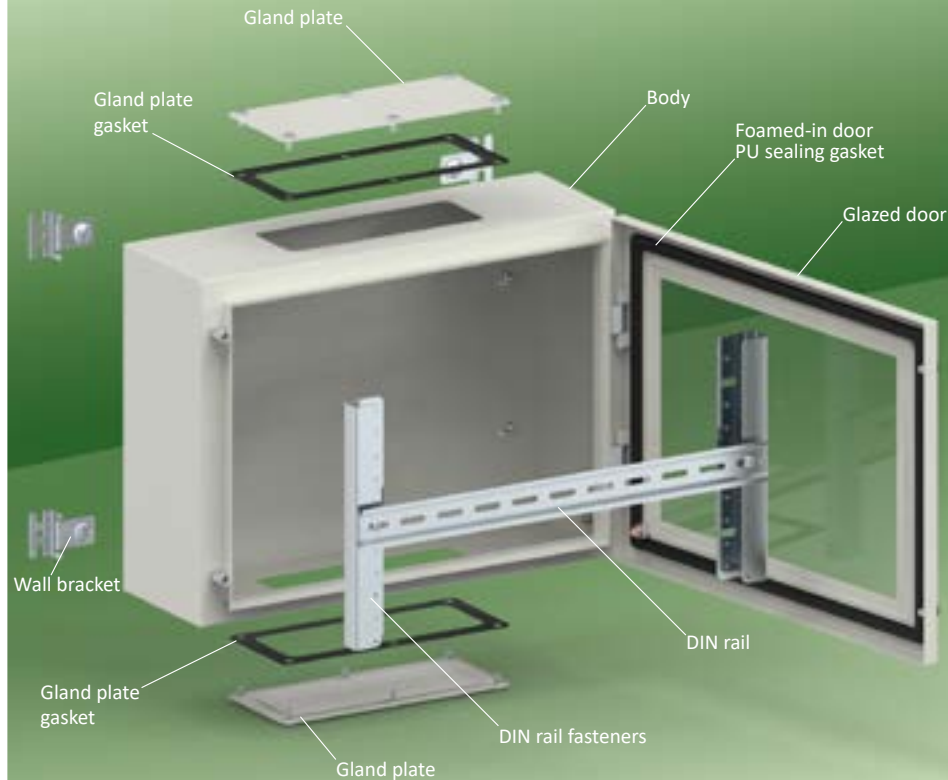
■ 2 pcs gland plates with gasket

Complementary Accessories

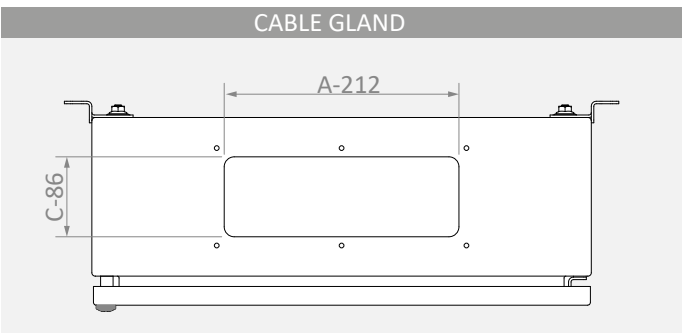
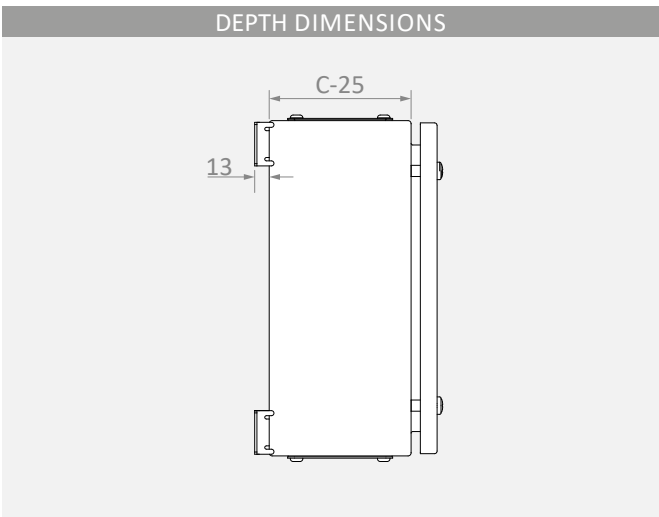
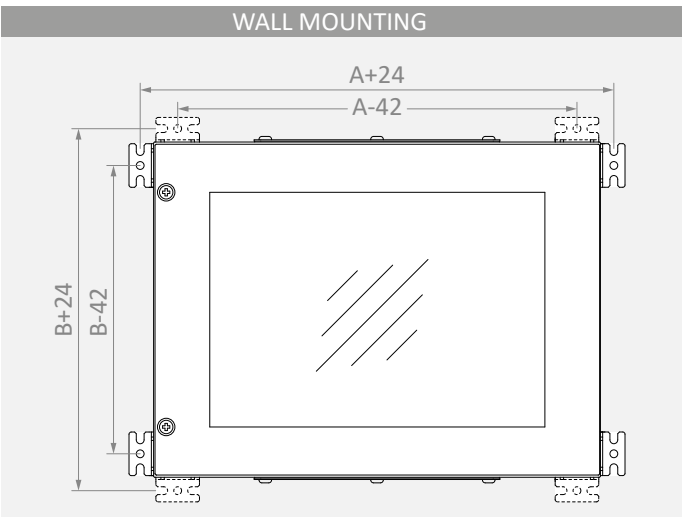
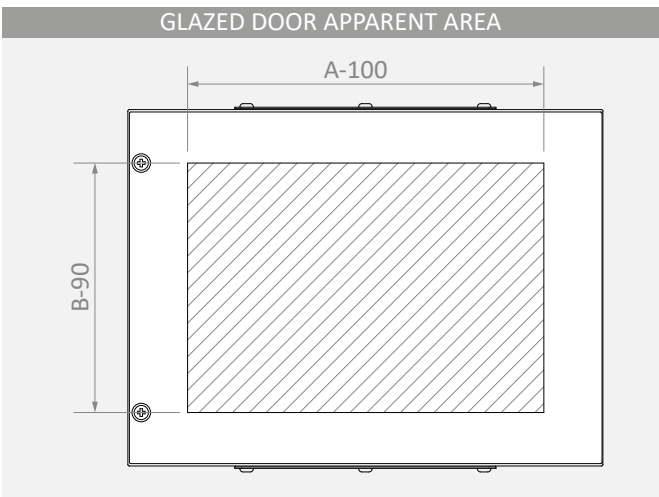
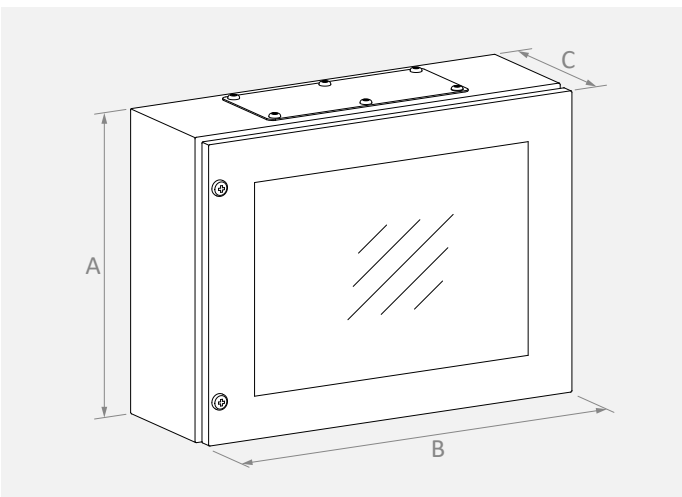
■ DIN rail

■ Earthing cable

■ 4 pcs wall brackets



Width	Height	Depth	Reference	Useful Area		Apparent Area		Cable Gland			Wall Mounting				DIN Rail Fixing	Weight
A	B	C		Side		↔	↕	#	↔	↗	Side		Up/Down		↔	
mm	mm	mm		↕	↗	mm	mm	pcs	mm	mm	↔	↕	↔	↕	mm	
300	200	125	TB 302012	150	75	200	110	2	260	48	324	158	258	224	225	3.6
	300	125	TB 303012	250	75	200	210	2	260	48	324	258	258	324	2 x 225	4.6
400	200	125	TB 402012	150	75	300	110	2	360	48	424	158	358	224	325	4.5
	300	150	TB 403015	250	100	300	210	2	360	73	424	258	358	324	2 x 325	6.0
	400	150	TB 404015	350	100	300	310	2	360	73	424	358	358	424	2 x 325	7.5

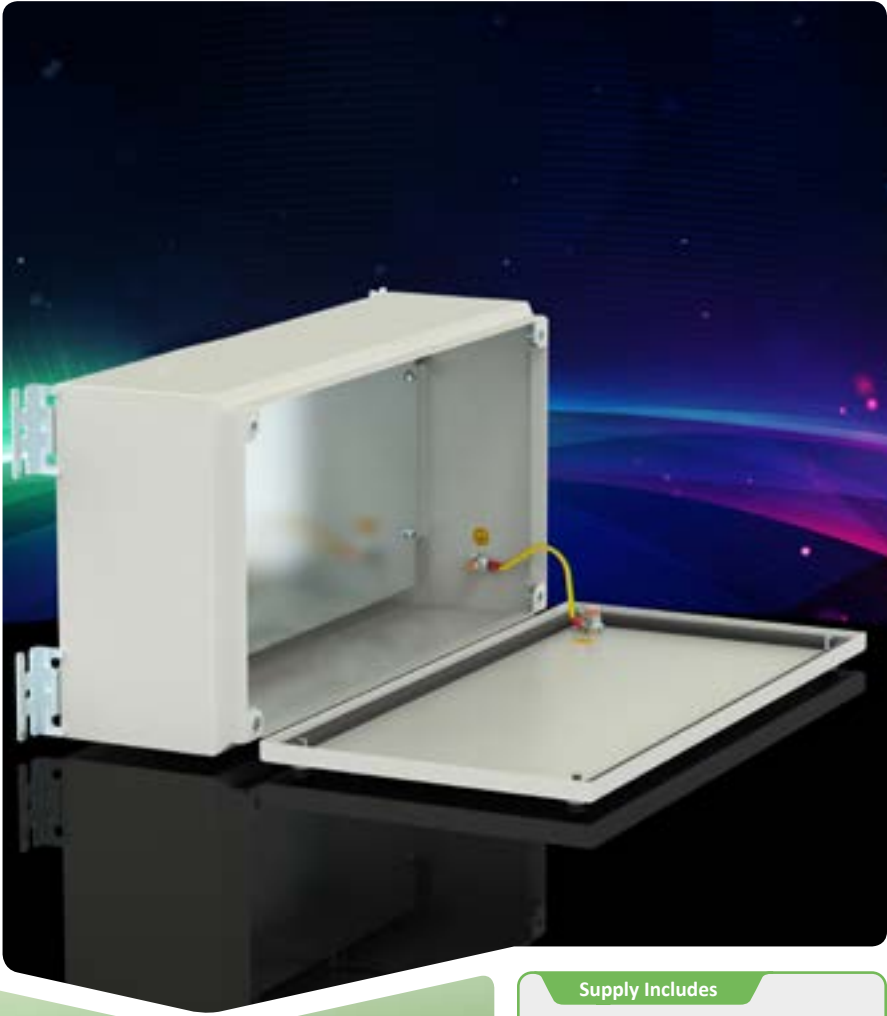


Characteristics

- Material**
- Sheet Steel (EN 10130 DC01)
 - Body : 1.2 mm
 - Lid : 1.2 mm
 - Galvanized Steel (EN 10346 DX51D+Z)
 - Mounting plate : 1.5 mm
- Surface Finishing**
- RAL7035w powder coating
- IP Rating**
- BK IP66 (TS 3033, EN 60529)
- Others**
- All welded construction
 - Screwed plain lid
 - Foamed-in lid PU sealing gasket
 - Ready for DIN rail fixing

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Glazed lid

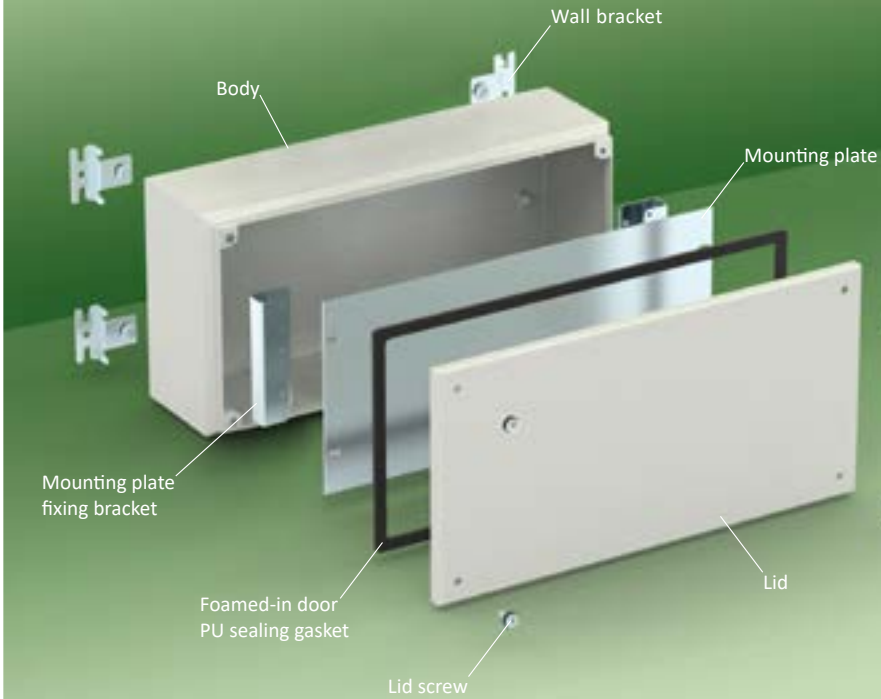


Supply Includes

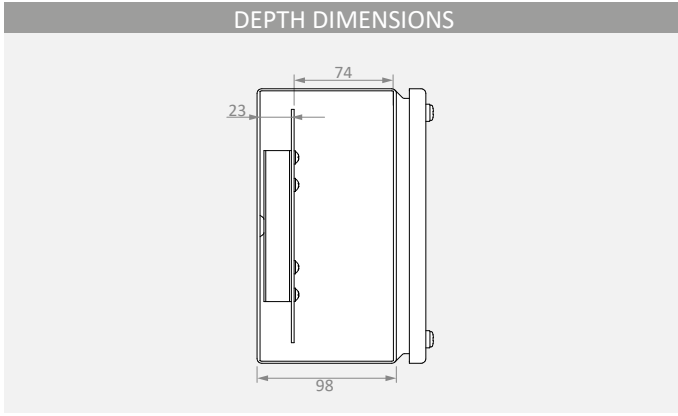
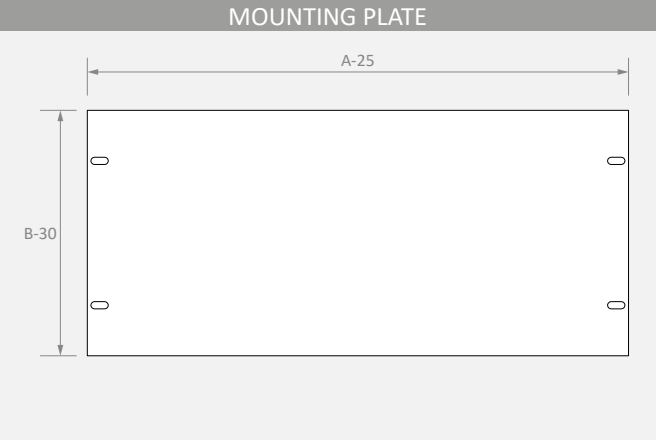
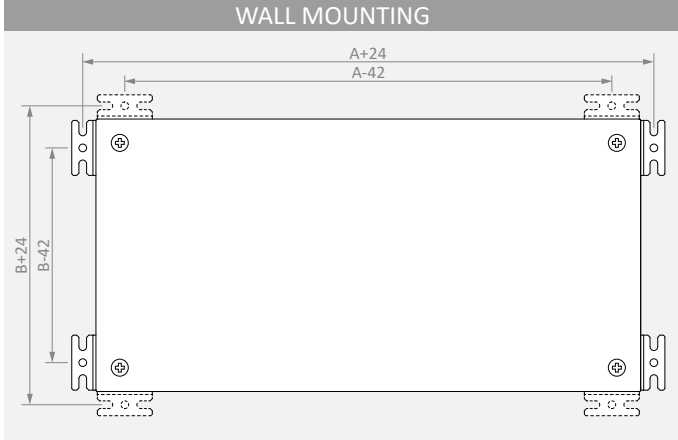
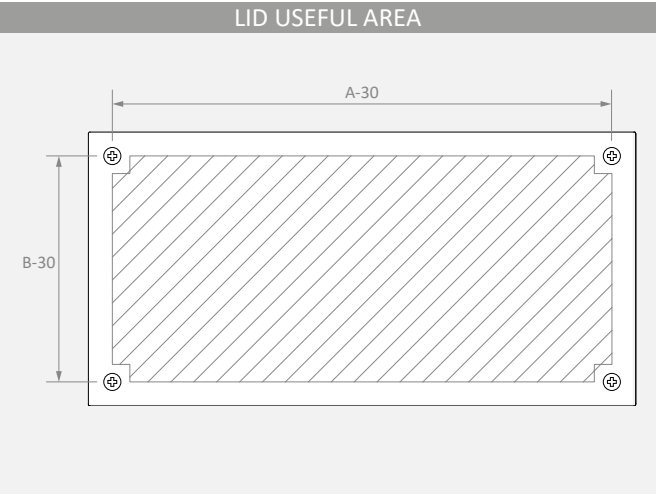
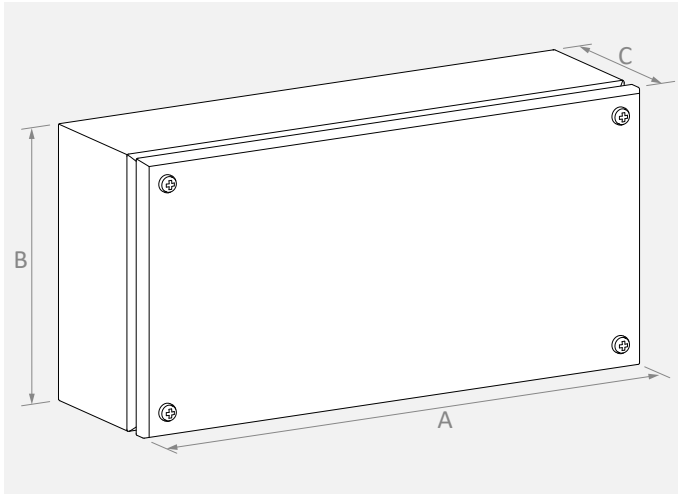
- Body
- Lid
- Lid screws

Complementary Accessories

- DIN rail
- Mounting plate
- Mounting plate and DIN rail fasteners
- Earthing cable
- Wall brackets 2/4



Width	Height	Depth	Reference	Useful Area			Wall Mounting				DIN Rail Fixing		Mounting Plate		Weight
A	B	C		Lid		Side	Side		Up/Down		↔ mm	↔ mm	↕ mm		
mm	mm	mm		↔ mm	↕ mm	↗ mm	↔ mm	↕ mm	↔ mm	↕ mm					
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
150	150	120	BK 151512	120	120	98	---	108	---	174	100	125	120	1.7	
200	200	120	BK 202012	170	170	98	---	158	---	224	150	175	170	2.5	
300	200	120	BK 302012	270	170	98	324	158	258	224	250	275	170	3.3	
	300	120	BK 303012	270	270	98	324	258	258	324	2 x 250	275	270	4.4	
400	200	120	BK 402012	370	170	98	424	158	358	224	350	375	170	4.0	
	300	120	BK 403012	370	270	98	424	258	358	324	2 x 350	375	270	5.4	
	400	120	BK 404012	370	370	98	424	358	358	424	2 x 350	375	370	7.4	

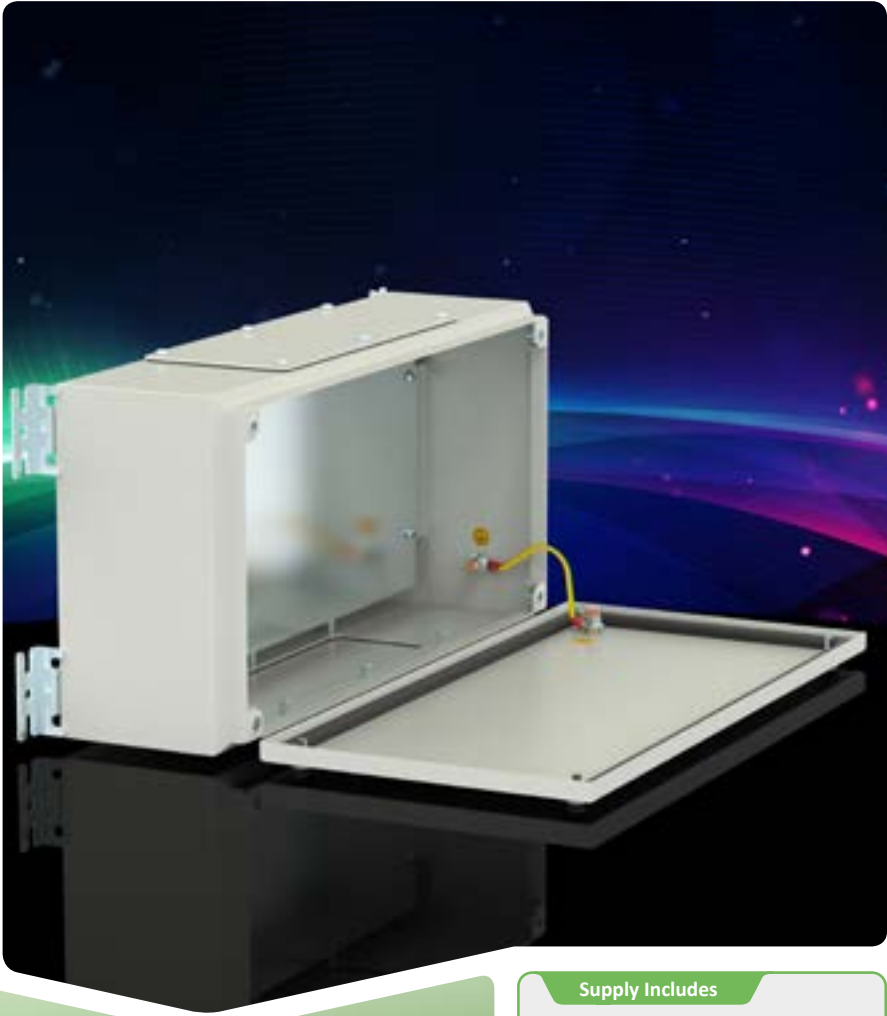


Characteristics

- Material**
- Sheet Steel (EN 10130 DC01)
 - Body : 1.2 mm
 - Lid : 1.2 mm
 - Galvanized Steel (EN 10346 DX51D+Z)
 - Mounting plate : 1.5 mm
- Surface Finishing**
- RAL7035w powder coating
- IP Rating**
- BKP IP65 (TS 3033, EN 60529)
- Others**
- All welded construction
 - Screwed plain lid
 - Foamed-in lid PU sealing gasket
 - Ready for DIN rail fixing
 - Top and bottom gland plates
 - One piece PE gasket for gland plate

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Glazed lid

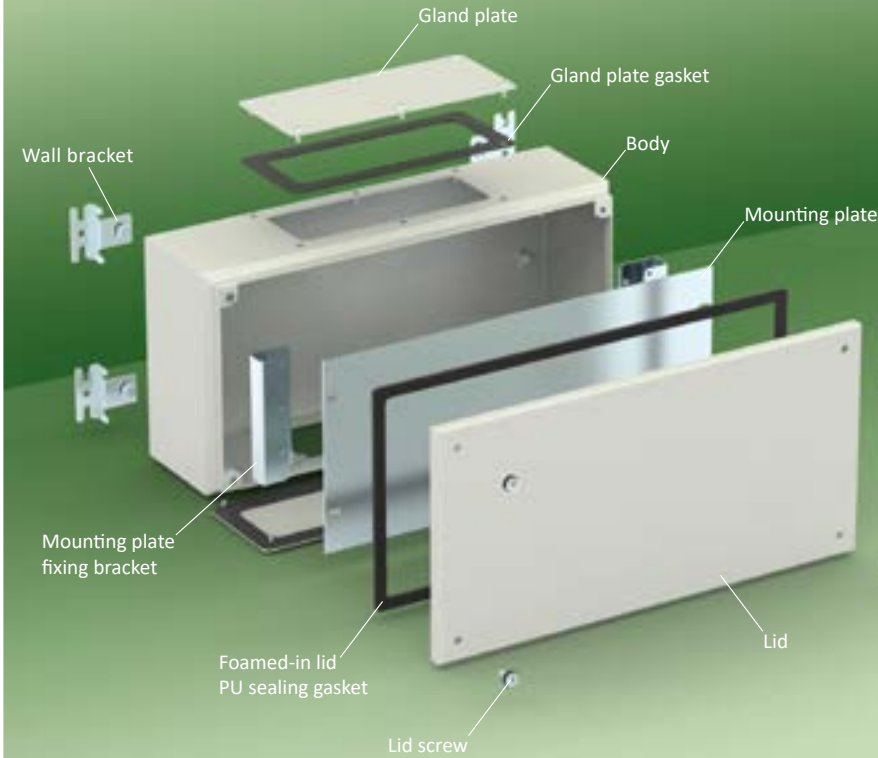


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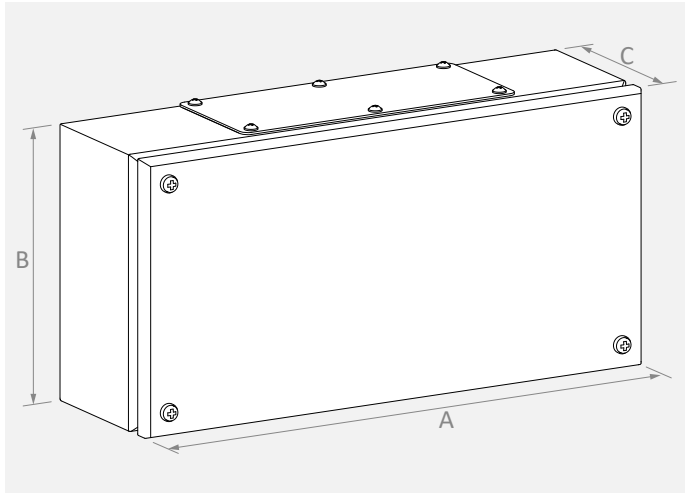
- Body
- Lid
- Lid screws
- 2/4 pcs gland plates with gasket

Complementary Accessories

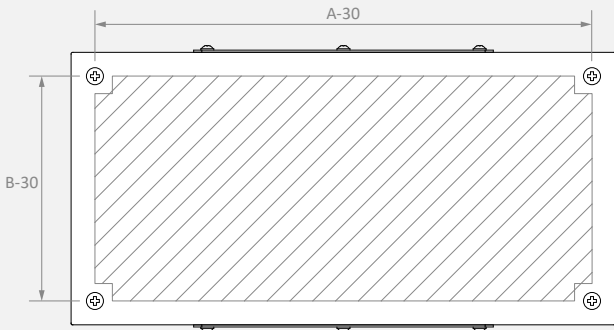
- DIN rail
- Mounting plate
- Mounting plate and DIN rail fasteners
- Earthing cable
- 4 pcs wall brackets



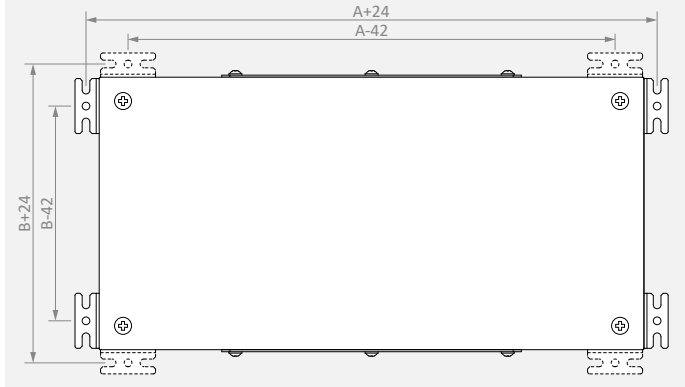
Width	Height	Depth	Reference	Useful Area			Cable Gland			Wall Mounting				DIN Rail Fixing		Mounting Plate		Weight
A	B	C		Lid		Side	#	↔	↗	Side		Up/Down		↔	↔	↕		
mm	mm	mm		↔	↕	↗		mm	mm	mm	mm	mm	mm		mm	mm	mm	
				mm	mm	mm	pcs											kg
300	200	120	BKP 302012	270	170	98	2	188	64	324	158	258	224	250	275	170	3.9	
	300	120	BKP 303012	270	270	98	2	188	64	324	258	258	324	2 x 250	275	270	5.2	
400	200	120	BKP 402012	370	170	98	2	188	64	424	158	358	224	350	375	170	4.8	
	300	120	BKP 403012	370	270	98	2	188	64	424	258	358	324	2 x 350	375	270	6.2	
	400	120	BKP 404012	370	370	98	2	188	64	424	358	358	424	2 x 350	375	370	7.5	
600	300	120	BKP 603012	570	270	98	4	188	64	624	258	558	324	2 x 535	575	270	8.7	
	400	120	BKP 604012	570	370	98	4	188	64	624	358	558	424	2 x 535	575	370	10.7	



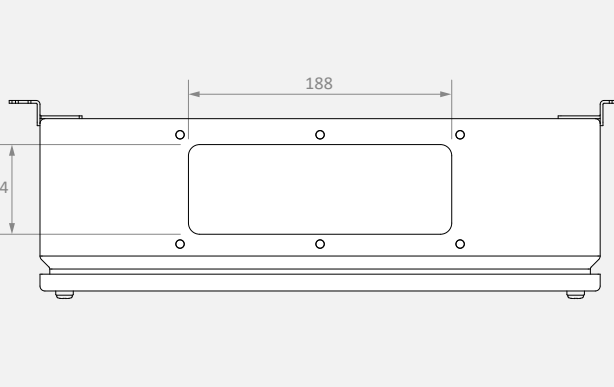
LID USEFUL AREA



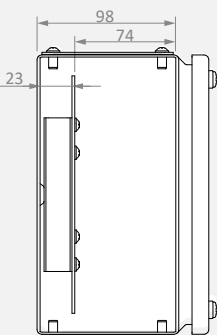
WALL MOUNTING



CABLE GLAND



DEPTH DIMENSIONS



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)
■ Body : 1.2 mm
■ Lid : 1.2 mm
Galvanized Steel (EN 10346 DX51D+Z)
■ Mounting plate : 1.5 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

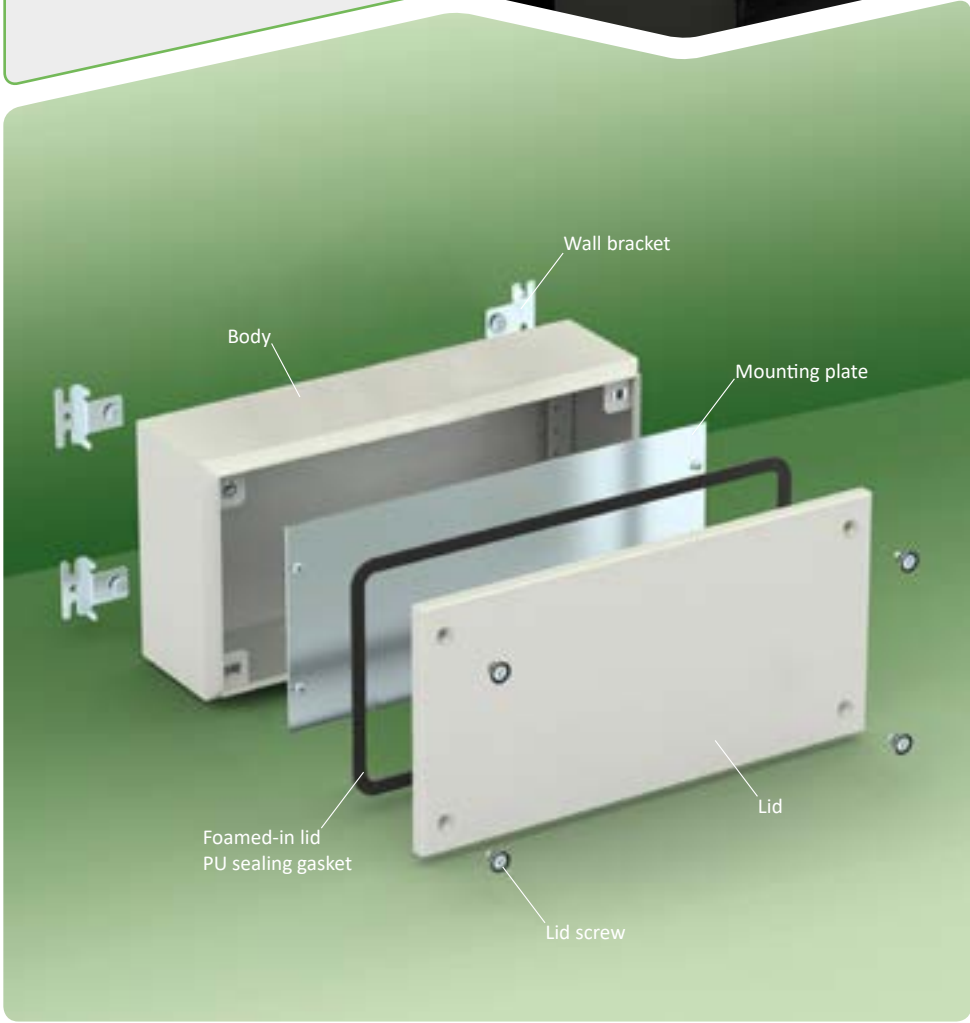
■ KB IP66 (TS 3033, EN 60529)

Others

■ All welded construction
■ Screwed plain lid
■ Foamed-in lid PU sealing gasket
■ Ready for mounting plate and DIN rail fixing

On Request

■ Custom sizes
■ Custom colour
■ Pre-punching
■ Glazed lid



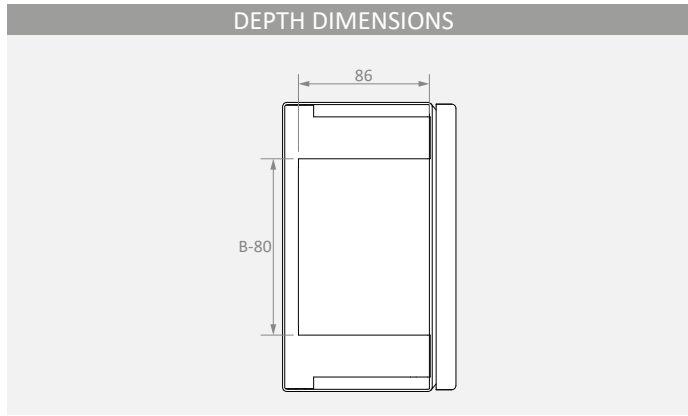
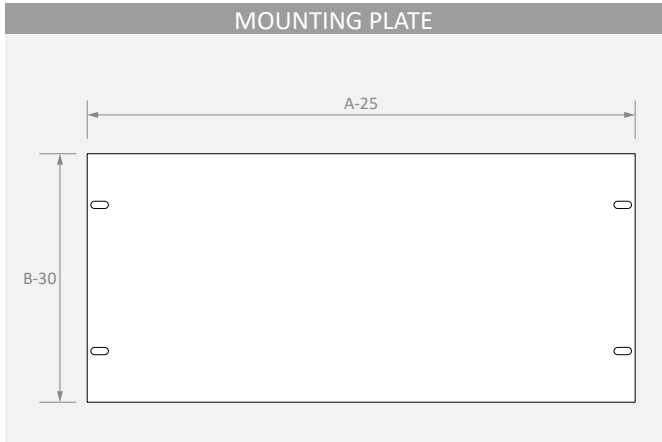
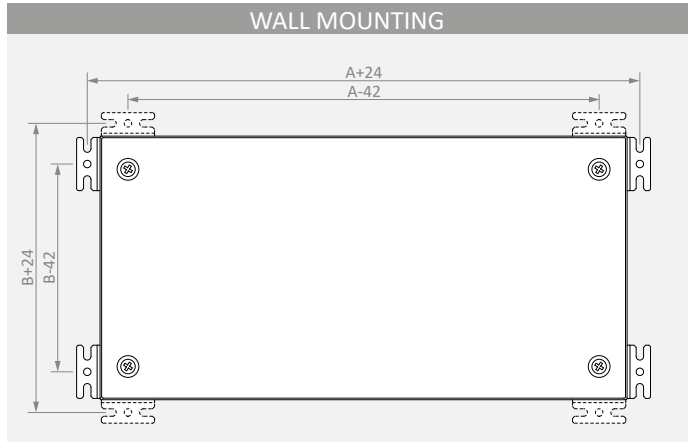
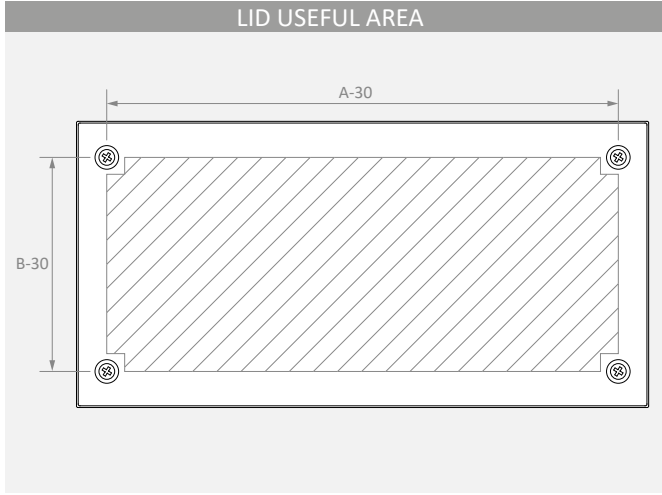
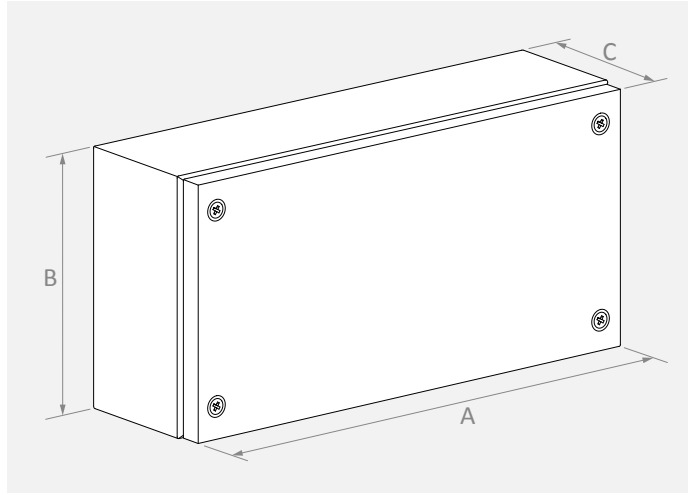
Supply Includes

■ Body
■ Lid
■ Lid screws

Complementary Accessories

■ DIN rail
■ Mounting plate
■ Earthing cable
■ Wall brackets 2/4

Width	Height	Depth	Reference	Useful Area			Wall Mounting				DIN Rail Fixing		Mounting Plate		Weight
A	B	C		Lid		Side	Side		Up/Down		↔ mm	↔ mm	↕ mm		
mm	mm	mm		↔ mm	↕ mm	↗ mm	↔ mm	↕ mm	↔ mm	↕ mm					
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
150	150	120	KB 151512	110	110	86	---	108	---	174	108	125	120	2.1	
200	200	120	KB 202012	160	160	86	---	158	---	224	158	175	170	2.9	
300	200	120	KB 302012	260	160	86	324	158	258	224	258	275	170	3.7	
	300	120	KB 303012	260	260	86	324	258	258	324	2 x 258	275	270	4.9	
400	200	120	KB 402012	360	160	86	424	158	358	224	358	375	170	4.6	
	300	120	KB 403012	360	260	86	424	258	358	324	2 x 358	375	270	5.9	
	400	120	KB 404012	360	360	86	424	358	358	424	2 x 358	375	370	7.3	



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.2 mm
- Lid : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)

- Mounting plate : 1.5 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- KBP IP65 (TS 3033, EN 60529)

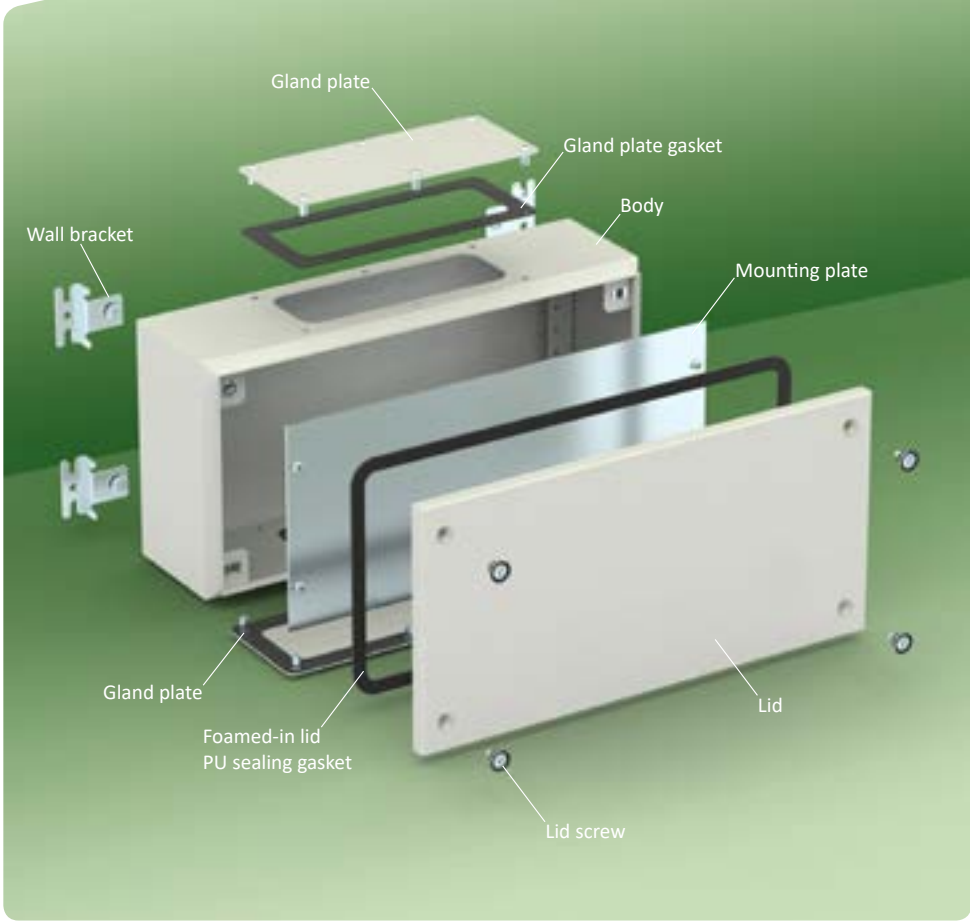
Others

- All welded construction
- Screwed plain lid
- Foamed-in lid PU sealing gasket
- Ready for mounting plate and DIN rail fixing
- Top and bottom gland plates
- One piece PE gasket for gland plate



On Request

- Custom sizes
- Custom colour
- Pre-punching
- Glazed lid



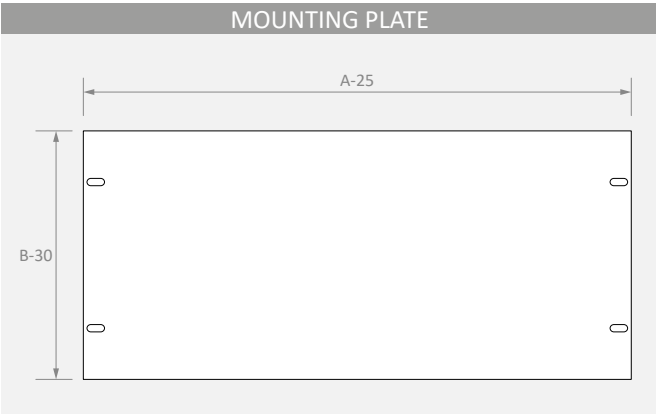
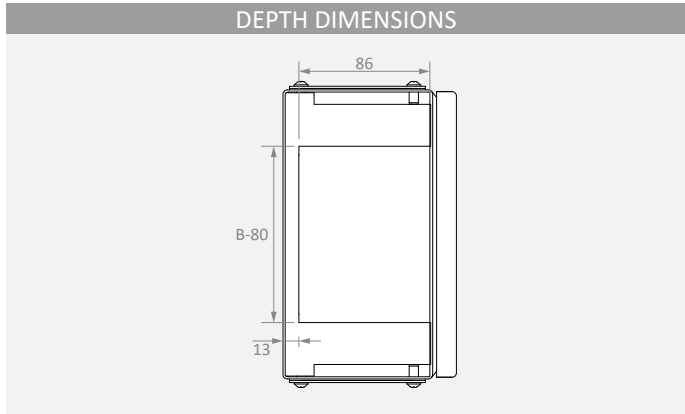
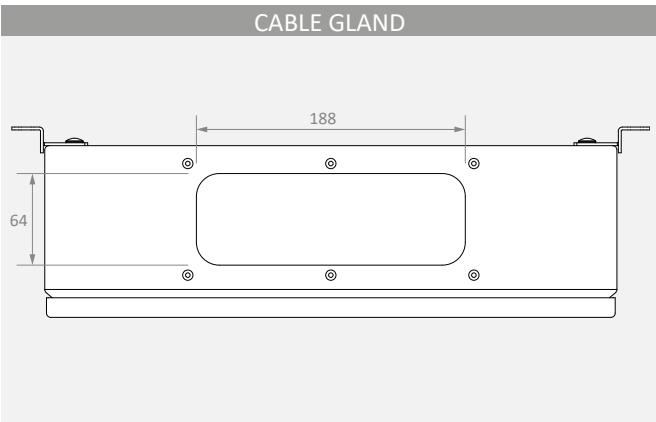
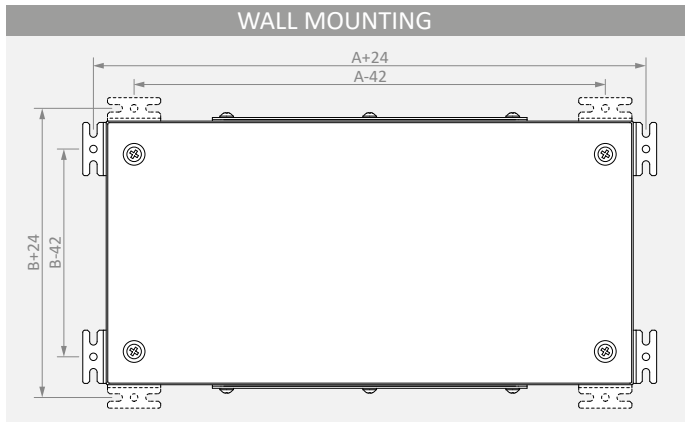
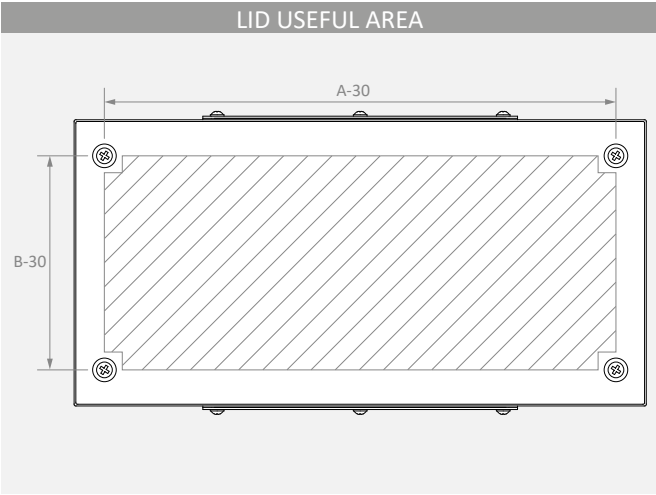
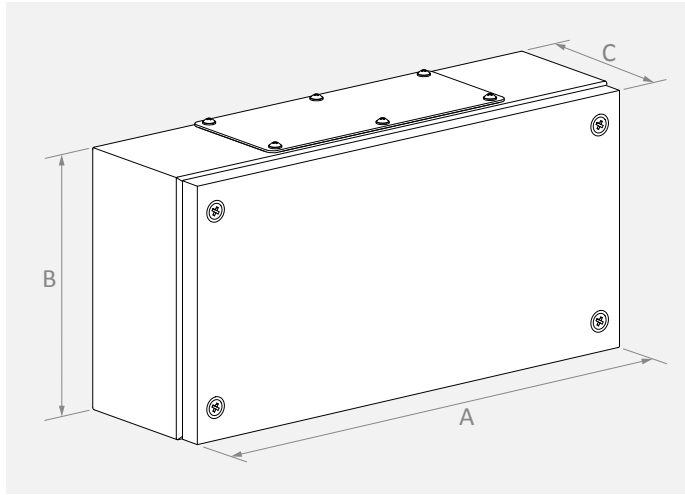
Supply Includes

- Body
- Lid
- Lid screws
- 2/4 pcs gland plates with gasket

Complementary Accessories

- DIN rail
- Mounting plate
- Earthing cable
- 4 pcs wall brackets

Width	Height	Depth	Reference	Useful Area			Gland Plate			Wall Mounting				DIN Rail Fixing	Mounting Plate		Weight
A	B	C		Lid		Side	# ad	↔	↗	Side		Up/Down			↔	↔	
mm	mm	mm		↔ mm	↕ mm	↗ mm		mm	mm	mm	↔ mm	↕ mm	↔ mm	↕ mm	mm	mm	
300	200	120	KBP 302012	260	160	86	2	188	64	324	158	258	224	258	275	170	3.9
	300	120	KBP 303012	260	260	86	2	188	64	324	258	258	324	2 x 258	275	270	5.2
400	200	120	KBP 402012	360	160	86	2	188	64	424	158	358	224	358	375	170	4.8
	300	120	KBP 403012	360	260	86	2	188	64	424	258	358	324	2 x 358	375	270	6.2
	400	120	KBP 404012	360	360	86	2	188	64	424	358	358	424	2 x 358	375	370	7.8
600	300	120	KBP 603012	560	260	86	4	188	64	624	258	558	324	2 x 558	575	270	8.7
	400	120	KBP 604012	560	360	86	4	188	64	624	358	558	424	2 x 558	575	370	11.0



Characteristics

Material

Sheet Steel (EN 10130 DC01)

■ Body : 1.2 / 1.5 mm

■ Door : 1.2 / 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)

■ Mounting plate : 1.5 - 2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

Single door enclosures

■ IP66 (TS 3033, EN 60529)

Double door enclosures

■ IP55 (TS 3033, EN 60529)

Glazed door enclosures

■ IP65 (TS 3033, EN 60529)

Others

■ All welded construction

■ Solid / glazed door

■ Foamed-in door PU sealing gasket

■ 155° concealed hinges

■ 5mm Double-bit insert polyamide lock

■ Top and bottom gland plates

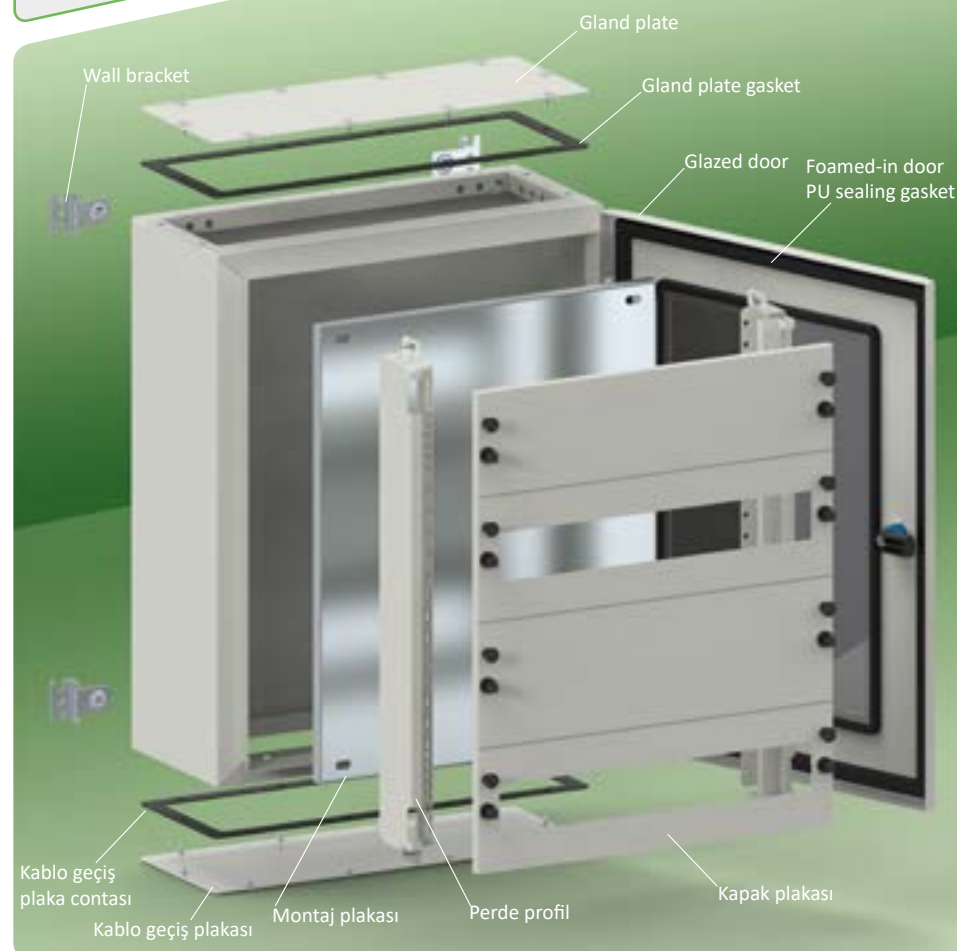
■ One piece PE gasket for gland plate

On Request

■ Custom sizes

■ Custom colour

■ Pre-punching



Supply Includes

- Body
- Door (Select ≈ **K**)
- Mounting plate (Option ≈ **M**)
- Cover plate set (Option ≈ **P**)
- Hinged inner door (Option ≈ **P**)
- 2 pcs gland plates with gasket
- 4/6 pcs wall brackets

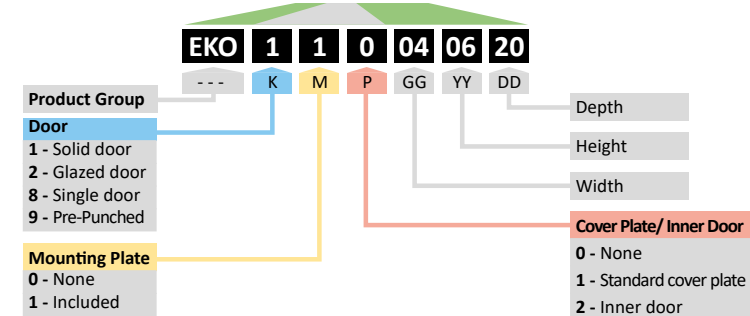
Complementary Accessories

- Rain canopy
- Support base
- DIN rail
- Cover plate and profiles
- Standoff
- Door inside mounting profile
- Door stay
- Pole fitting set
- Plastic cover plate
- Special locks and keys
- Earthing cable

Width A	Height B	Depth C	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Weight	Application Options				
				pcs	*	pcs	pcs	pcs	**	Glazed Door	Cover Plate System	Standard Cover Plate Set	Rain Canopy	Support Base
mm	mm	mm							kg	Y / N	Y / N	Y / N	Y / N	Y / N
200	300	150	EKO xxx 020315	1	C	1	2	4	4.2	—	—	—	—	—
300	300	150	EKO xxx 030315	1	C	1	2	4	5.6	✓	—	—	✓	✓
		200	EKO xxx 030320	1	C	1	2	4	6.3	✓	✓	—	✓	✓
	400	150	EKO xxx 030415	1	C	1	2	4	7.0	✓	—	—	✓	✓
		200	EKO xxx 030420	1	C	1	2	4	7.9	✓	✓	—	✓	✓
400	500	200	EKO xxx 030520	1	C	1	2	4	9.4	✓	✓	—	✓	✓
		300	EKO xxx 040315	1	C	1	2	4	7.1	✓	—	—	✓	✓
		200	EKO xxx 040420	1	C	1	2	4	9.8	✓	✓	—	✓	✓
	600	250	EKO xxx 040425	1	C	1	2	4	10.0	✓	—	—	✓	✓
		150	EKO xxx 040515	1	C	1	2	4	10.5	✓	—	—	✓	✓
		200	EKO xxx 040520	1	C	1	2	4	11.6	✓	✓	—	✓	✓
	800	250	EKO xxx 040525	1	C	1	2	4	12.0	✓	—	—	✓	✓
		200	EKO xxx 040620	1	C	2	2	4	13.5	✓	✓	—	✓	✓
		250	EKO xxx 040625	1	C	2	2	4	14.0	✓	—	—	✓	✓
	1000	300	EKO xxx 040630	1	C	2	2	4	15.6	✓	✓	—	✓	✓
		200	EKO xxx 040820	1	C	2	3	4	18.7	✓	✓	—	✓	✓
500	600	200	EKO xxx 050520	1	C	1	2	4	14.1	✓	✓	—	✓	✓
		250	EKO xxx 050525	1	C	1	2	4	15.0	✓	—	—	✓	✓
		200	EKO xxx 050620	1	C	2	2	4	16.2	✓	✓	—	✓	✓
	800	250	EKO xxx 050625	1	C	2	2	4	17.0	✓	—	—	✓	✓
		200	EKO xxx 050720	1	C	2	3	4	18.5	✓	✓	—	✓	✓
		250	EKO xxx 050725	1	C	2	3	4	19.0	✓	—	—	✓	✓
	1000	300	EKO xxx 050730	1	C	2	3	4	21.2	✓	✓	—	✓	✓
		200	EKO xxx 050820	1	C	2	3	4	23.9	✓	✓	—	✓	✓
		250	EKO xxx 060420	1	C	1	2	4	14.9	✓	✓	—	✓	✓
	1200	200	EKO xxx 060620	1	C	2	2	4	20.6	✓	✓	—	✓	✓
		250	EKO xxx 060625	1	C	2	2	4	21.0	✓	—	—	✓	✓
600	800	300	EKO xxx 060630	1	C	2	2	4	23.2	✓	✓	—	✓	✓
		200	EKO xxx 060820	1	C	2	3	4	26.2	✓	✓	—	✓	✓
		250	EKO xxx 060825	1	C	2	3	4	27.0	✓	—	—	✓	✓
	1000	300	EKO xxx 060830	1	C	2	3	4	29.0	✓	✓	—	✓	✓
		200	EKO xxx 061020	1	C	2	3	4	30.8	✓	✓	—	✓	✓
		250	EKO xxx 061025	1	C	2	3	4	33.5	✓	—	—	✓	✓
	1200	300	EKO xxx 061030	1	C	2	3	4	35.2	✓	✓	—	✓	✓
		250	EKO xxx 061225	1	C	2	4	4	37.5	✓	—	—	✓	✓
		300	EKO xxx 061230	1	C	2	4	4	39.7	✓	✓	—	✓	✓
800	600	200	EKO xxx 080620	1	C	2	3	4	26.3	✓	—	—	✓	✓
		300	EKO xxx 080630	2	C	2	3+3	4	28.3	✓	—	—	✓	✓
	800	200	EKO xxx 080820	1	C	2	3	4	31.0	✓	—	—	✓	✓
		250	EKO xxx 080825	1	C	2	3	4	35.0	✓	—	—	✓	✓
		300	EKO xxx 080830	1	C	2	3	4	37.5	✓	—	—	✓	✓
	1000	250	EKO xxx 081025	1	C	2	4	4	40.0	✓	—	—	✓	✓
		300	EKO xxx 081030	1	C	2	4	4	45.3	✓	—	—	✓	✓
		250	EKO xxx 081225	1	C	2	4	4	57.0	✓	—	—	✓	✓
	1200	300	EKO xxx 081230	1	C	2	4	4	59.0	✓	—	—	✓	✓
1000	600	300	EKO xxx 106030	2	C	2	2+2	6	50.0	—	—	—	✓	✓
		250	EKO xxx 101025	2	I	1	4+4	6	57.0	—	—	—	✓	✓
		300	EKO xxx 101030	2	I	1	4+4	6	60.0	—	—	—	✓	✓
	1200	250	EKO xxx 101225	2	I	1	4+4	6	67.8	—	—	—	✓	✓
		300	EKO xxx 101230	2	I	1	4+4	6	70.0	—	—	—	✓	✓
		250	EKO xxx 121225	2	I	1	4+4	6	77.0	—	—	—	✓	✓
1200	1200	300	EKO xxx 121230	2	I	1	4+4	6	80.0	—	—	—	✓	✓
		400	EKO xxx 101240	2	I	1	4+4	6	85.0	—	—	—	✓	✓

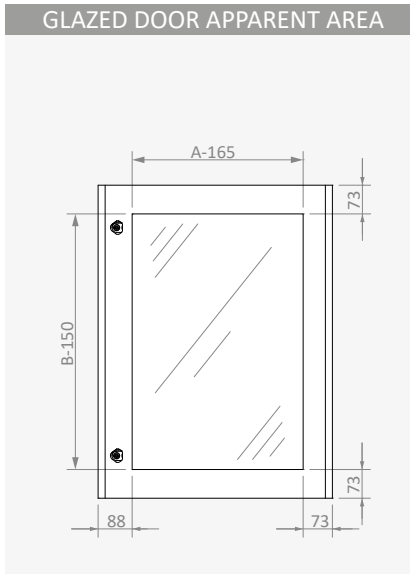
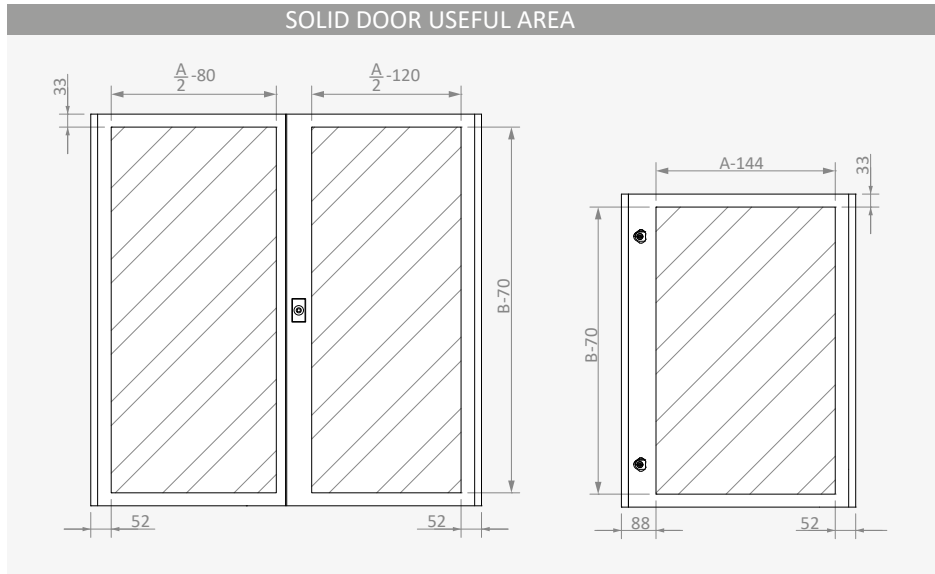
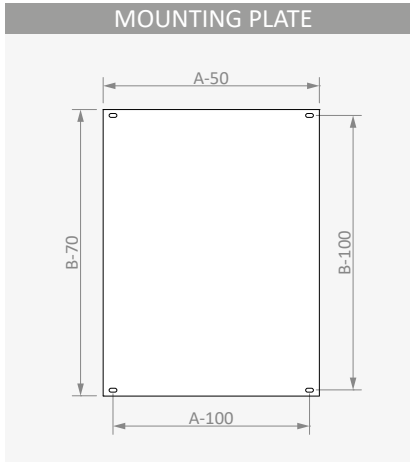
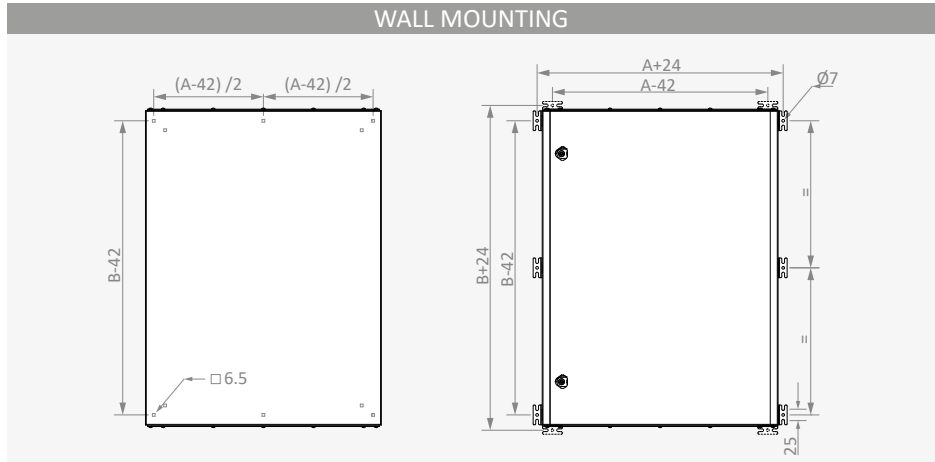
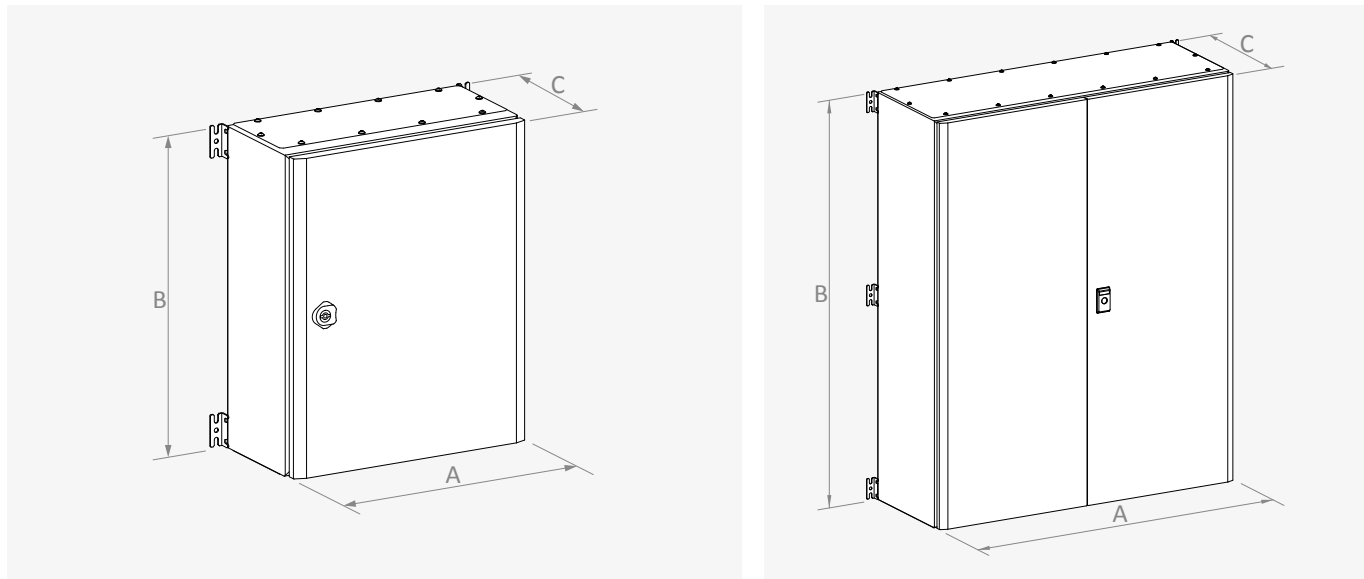
* C: Quarter Turn I: Escutcheon Rod-latch

** For EKO 110 GG YY DD



								
			K →		M →			
			P →					
Width	Height	Depth	Door	Reference	Reference	Reference	Reference	Reference
A	B	C	pcs					
mm	mm	mm						
200	300	150	1	EKO 110 020315	-- --	-- --	-- --	-- --
300	300	150	1	EKO 110 030315	-- --	-- --	-- --	-- --
		200	1	EKO 110 030320	EKO 112 030320	EKO 101 030320	EKO 101 030320	EKO 101 030320
	400	150	1	EKO 110 030415	-- --	-- --	-- --	-- --
		200	1	EKO 110 030420	EKO 112 030420	EKO 101 030420	EKO 101 030420	EKO 101 030420
		200	1	EKO 110 030520	EKO 112 030520	EKO 101 030520	EKO 101 030520	EKO 101 030520
400	300	150	1	EKO 110 040315	-- --	-- --	-- --	-- --
		200	1	EKO 110 040420	EKO 112 040420	EKO 101 040420	EKO 101 040420	EKO 101 040420
	400	250	1	EKO 110 040425	-- --	-- --	-- --	-- --
		150	1	EKO 110 040515	-- --	-- --	-- --	-- --
		200	1	EKO 110 040520	EKO 112 040520	EKO 101 040520	EKO 101 040520	EKO 101 040520
	500	250	1	EKO 110 040525	-- --	-- --	-- --	-- --
		200	1	EKO 110 040620	EKO 112 040620	EKO 101 040620	EKO 101 040620	EKO 101 040620
		250	1	EKO 110 040625	-- --	-- --	-- --	-- --
	600	250	1	EKO 110 040630	EKO 112 040630	EKO 101 040630	EKO 101 040630	EKO 101 040630
		300	1	EKO 110 040630	EKO 112 040630	EKO 101 040630	EKO 101 040630	EKO 101 040630
500	500	200	1	EKO 110 040820	EKO 112 040820	EKO 101 040820	EKO 101 040820	EKO 101 040820
		250	1	EKO 110 050520	EKO 112 050520	EKO 101 050520	EKO 101 050520	EKO 101 050520
	600	200	1	EKO 110 050525	-- --	-- --	-- --	-- --
		250	1	EKO 110 050620	EKO 112 050620	EKO 101 050620	EKO 101 050620	EKO 101 050620
		250	1	EKO 110 050625	-- --	-- --	-- --	-- --
	700	200	1	EKO 110 050720	EKO 112 050720	EKO 101 050720	EKO 101 050720	EKO 101 050720
		250	1	EKO 110 050725	-- --	-- --	-- --	-- --
		300	1	EKO 110 050730	EKO 112 050730	EKO 101 050730	EKO 101 050730	EKO 101 050730
	800	200	1	EKO 110 050820	EKO 112 050820	EKO 101 050820	EKO 101 050820	EKO 101 050820
		250	1	EKO 110 050825	-- --	-- --	-- --	-- --
600	400	200	1	EKO 110 060420	EKO 112 060420	EKO 101 060420	EKO 101 060420	EKO 101 060420
		250	1	EKO 110 060620	EKO 112 060620	EKO 101 060620	EKO 101 060620	EKO 101 060620
	600	250	1	EKO 110 060625	-- --	-- --	-- --	-- --
		300	1	EKO 110 060630	EKO 112 060630	EKO 101 060630	EKO 101 060630	EKO 101 060630
		200	1	EKO 110 060820	EKO 112 060820	EKO 101 060820	EKO 101 060820	EKO 101 060820
	800	250	1	EKO 110 060825	-- --	-- --	-- --	-- --
		300	1	EKO 110 060830	EKO 112 060830	EKO 101 060830	EKO 101 060830	EKO 101 060830
		200	1	EKO 110 061020	EKO 112 061020	EKO 101 061020	EKO 101 061020	EKO 101 061020
	1000	250	1	EKO 110 061025	-- --	-- --	-- --	-- --
		300	1	EKO 110 061030	EKO 112 061030	EKO 101 061030	EKO 101 061030	EKO 101 061030
800	400	200	1	EKO 110 061225	-- --	-- --	-- --	-- --
		300	1	EKO 110 061230	EKO 112 061230	EKO 101 061230	EKO 101 061230	EKO 101 061230
	600	200	1	EKO 110 080620	EKO 112 080620	-- --	-- --	-- --
		300	2	EKO 110 080630	EKO 112 080630	-- --	-- --	-- --
		200	1	EKO 110 080820	EKO 112 080820	-- --	-- --	-- --
	800	250	1	EKO 110 080825	-- --	-- --	-- --	-- --
		300	1	EKO 110 080830	EKO 112 080830	-- --	-- --	-- --
		250	1	EKO 110 081025	-- --	-- --	-- --	-- --
	1000	300	1	EKO 110 081030	EKO 112 081030	-- --	-- --	-- --
		250	1	EKO 110 081225	-- --	-- --	-- --	-- --
1000	600	300	1	EKO 110 081230	EKO 112 081230	-- --	-- --	-- --
		250	2	EKO 110 100630	-- --	-- --	-- --	-- --
	800	250	2	EKO 110 101025	-- --	-- --	-- --	-- --
		300	2	EKO 110 101030	-- --	-- --	-- --	-- --
		250	2	EKO 110 101225	-- --	-- --	-- --	-- --
	1000	300	2	EKO 110 101230	-- --	-- --	-- --	-- --
		250	2	EKO 110 121225	-- --	-- --	-- --	-- --
		300	2	EKO 110 121230	-- --	-- --	-- --	-- --
	1200	250	2	EKO 110 121240	-- --	-- --	-- --	-- --
		400	2	EKO 110 121240	-- --	-- --	-- --	-- --

			
Glazed Door	Glazed Door	Glazed Door	Pre-punched Door
Mounting Plate	Mounting Plate	-- --	Mounting Plate
-- --	Inner Door	Cover Plate	-- --
Reference	Reference	Reference	Reference
---	-- --	---	---
EKO 210 030315	-- --	---	EKO 910 030315
EKO 210 030320	EKO 212 030320	EKO 201 030320	EKO 910 030320
EKO 210 030415	-- --	---	EKO 910 030415
EKO 210 030420	EKO 212 030420	EKO 201 030420	EKO 910 030420
EKO 210 030520	EKO 212 030520	EKO 201 030520	EKO 910 030520
EKO 210 040315	-- --	---	EKO 910 040315
EKO 210 040420	EKO 212 040420	EKO 201 040420	EKO 910 040420
EKO 210 040425	-- --	---	EKO 910 040425
EKO 210 040515	-- --	---	EKO 910 040515
EKO 210 040520	EKO 212 040520	EKO 201 040520	EKO 910 040520
EKO 210 040525	-- --	---	EKO 910 040525
EKO 210 040620	EKO 212 040620	EKO 201 040620	EKO 910 040620
EKO 210 040625	-- --	---	EKO 910 040625
EKO 210 040630	EKO 212 040630	EKO 201 040630	EKO 910 040630
EKO 210 040820	EKO 212 040820	EKO 201 040820	EKO 910 040820
EKO 210 050520	EKO 212 050520	EKO 201 050520	EKO 910 050520
EKO 210 050525	-- --	---	EKO 910 050525
EKO 210 050620	EKO 212 050620	EKO 201 050620	EKO 910 050620
EKO 210 050625	-- --	---	EKO 910 050625
EKO 210 050720	EKO 212 050720	EKO 201 050720	EKO 910 050720
EKO 210 050725	-- --	---	EKO 910 050725
EKO 210 050730	EKO 212 050730	EKO 201 050730	EKO 910 050730
EKO 210 050820	EKO 212 050820	EKO 201 050820	EKO 910 050820
EKO 210 060420	EKO 212 060420	EKO 201 060420	EKO 910 060420
EKO 210 060620	EKO 212 060620	EKO 201 060620	EKO 910 060620
EKO 210 060625	-- --	---	EKO 910 060625
EKO 210 060630	EKO 212 060630	EKO 201 060630	EKO 910 060630
EKO 210 060820	EKO 212 060820	EKO 201 060820	EKO 910 060820
EKO 210 060825	-- --	---	EKO 910 060825
EKO 210 060830	EKO 212 060830	EKO 201 060830	EKO 910 060830
EKO 210 061020	EKO 212 061020	EKO 201 061020	EKO 910 061020
EKO 210 061025	-- --	---	EKO 910 061025
EKO 210 061030	EKO 212 061030	EKO 201 061030	EKO 910 061030
EKO 210 061225	-- --	---	EKO 910 061225
EKO 210 061230	EKO 212 061230	EKO 201 061230	EKO 910 061230
EKO 210 080620	EKO 212 080620	---	EKO 910 080620
EKO 210 080630	EKO 212 080630	---	EKO 910 080630
EKO 210 080820	EKO 212 080820	---	EKO 910 080820
EKO 210 080825	-- --	---	EKO 910 080825
EKO 210 080830	EKO 212 080830	---	EKO 910 080830
EKO 210 081025	-- --	---	EKO 910 081025
EKO 210 081030	EKO 212 081030	---	EKO 910 081030
EKO 210 081225	-- --	---	EKO 910 081225
EKO 210 081230	EKO 212 081230	---	EKO 910 081230
---	-- --	---	EKO 910 100630
---	-- --	---	EKO 910 101025
---	-- --	---	EKO 910 101030
---	-- --	---	EKO 910 101225
---	-- --	---	EKO 910 101230
---	-- --	---	EKO 910 121225
---	-- --	---	EKO 910 121230
---	-- --	---	EKO 910 121240



DEPTH DIMENSIONS									
Width A	Depth C	D1	D2	F	Y1	Y2			
A < 600	150	129	13	59	45	23			
	200	179	13	109	80	38			
	300	279	13	193	160	38			
A ≥ 600	200	176	16	109	80	38			
	300	276	16	193	160	38			

Width A	Height B	Depth C	Reference	Useful Area			Glazed Door Apparent Area	Gland Plate			Wall Mounting						Mounting Plate			
				Door		Side					With Bracket			Internal						
				↔	↕	↗	↔	↕	#	↔	↗	↔	↕	↔	↕	↔	↕	↔	↕	
mm	mm	mm		mm	mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	mm	mm		
200	300	150	EKO xxx 020315	56	230	101	-	-	2	160	60	224	258	158	324	158	258	150	230	
300	300	150	EKO xxx 030315	156	230	101	135	150	2	260	60	324	258	258	324	258	258	250	230	
		200	EKO xxx 030320	156	230	151	135	150	2	260	110	324	258	258	324	258	258	250	230	
	400	150	EKO xxx 030415	156	330	101	135	250	2	260	60	324	358	258	424	258	358	250	330	
		200	EKO xxx 030420	156	330	151	135	250	2	260	110	324	358	258	424	258	358	250	330	
		500	EKO xxx 030520	156	430	151	135	350	2	260	110	324	458	258	524	258	458	250	430	
400	300	150	EKO xxx 040315	256	230	101	235	150	2	360	60	424	258	358	324	358	258	350	230	
		200	EKO xxx 040420	256	330	151	235	250	2	360	110	424	358	358	424	358	358	350	330	
	400	250	EKO xxx 040425	256	330	201	235	250	2	360	110	424	358	358	424	358	358	350	330	
		500	150	EKO xxx 040515	256	430	101	235	350	2	360	60	424	458	358	524	358	458	350	430
			200	EKO xxx 040520	256	430	151	235	350	2	360	110	424	458	358	524	358	458	350	430
	250		EKO xxx 040525	256	430	201	235	350	2	360	110	424	458	358	524	358	458	350	430	
	600	200	EKO xxx 040620	256	530	151	235	450	2	360	110	424	558	358	624	358	558	350	530	
		250	EKO xxx 040625	256	530	201	235	450	2	360	110	424	558	358	624	358	558	350	530	
		300	EKO xxx 040630	256	530	251	235	450	2	360	194	424	558	358	624	358	558	350	530	
	800	200	EKO xxx 040820	256	730	177	235	650	2	360	110	424	758	358	824	358	758	350	730	
500	500	200	EKO xxx 050520	356	430	151	335	350	2	460	110	524	458	458	524	458	458	450	430	
		250	EKO xxx 050525	356	430	201	335	350	2	460	110	524	458	458	524	458	458	450	430	
	600	200	EKO xxx 050620	356	530	151	335	450	2	460	110	524	558	458	624	458	558	450	530	
		250	EKO xxx 050625	356	530	201	335	450	2	460	110	524	558	458	624	458	558	450	530	
	700	200	EKO xxx 050720	356	630	151	335	550	2	460	110	524	658	458	724	458	658	450	630	
		250	EKO xxx 050725	356	630	201	335	550	2	460	110	524	658	458	724	458	658	450	630	
		300	EKO xxx 050730	356	630	251	335	550	2	460	194	524	658	458	724	458	658	450	630	
	800	200	EKO xxx 050820	356	730	177	335	650	2	460	110	524	758	458	824	458	758	450	730	
600	400	200	EKO xxx 060420	456	330	149	435	250	2	560	110	624	358	558	424	558	358	550	330	
		600	200	EKO xxx 060620	456	530	149	435	450	2	560	110	624	558	558	624	558	558	550	530
			250	EKO xxx 060625	456	530	149	435	450	2	560	110	624	558	558	624	558	558	550	530
	300		EKO xxx 060630	456	530	249	435	450	2	560	194	624	558	558	624	558	558	550	530	
	800	200	EKO xxx 060820	456	730	149	435	650	2	560	110	624	758	558	824	558	758	550	730	
		250	EKO xxx 060825	456	730	199	435	650	2	560	110	624	758	558	824	558	758	550	730	
		300	EKO xxx 060830	456	730	249	435	650	2	560	194	624	758	558	824	558	758	550	730	
	1000	200	EKO xxx 061020	456	930	149	435	850	2	560	110	624	958	558	1024	558	958	550	930	
		250	EKO xxx 061025	456	930	199	435	850	2	560	110	624	958	558	1024	558	958	550	930	
		300	EKO xxx 061030	456	930	249	435	850	2	560	194	624	958	558	1024	558	958	550	930	
	1200	250	EKO xxx 061225	456	1130	199	435	1050	2	560	194	624	1158	558	1224	558	1158	550	1130	
		300	EKO xxx 061230	456	1130	249	435	1050	2	560	194	624	1158	558	1224	558	1158	550	1130	
800	600	200	EKO xxx 080620	656	530	149	635	450	2	760	110	824	558	758	624	758	558	750	530	
		300	EKO xxx 080630	656	530	249	-	-	2	760	194	824	558	758	624	758	558	750	530	
	800	200	EKO xxx 080820	656	730	149	-	-	2	760	110	824	758	758	824	758	758	750	730	
		250	EKO xxx 080825	656	730	199	-	-	2	760	194	824	758	758	824	758	758	750	730	
		300	EKO xxx 080830	656	730	249	-	-	2	760	194	824	758	758	824	758	758	750	730	
	1000	250	EKO xxx 081025	656	930	199	635	850	2	760	194	824	958	758	1024	758	958	750	930	
		300	EKO xxx 081030	656	930	249	635	850	2	760	194	824	958	758	1024	758	958	750	930	
		250	EKO xxx 081225	656	1130	199	635	1050	2	760	194	824	1158	758	1224	758	1158	750	1130	
300	EKO xxx 081230	656	1130	249	635	1050	2	760	194	824	1158	758	1224	758	1158	750	1130			
1000	600	300	EKO xxx 106030	420 + 380	530	249	-	-	2	960	194	1024	558	958	624	479 + 479	558	950	530	
		250	EKO xxx 101025	419 + 380	929	199	-	-	2	960	194	1024	958	958	1024	479 + 479	958	950	930	
	1200	300	EKO xxx 101030	420 + 380	930	249	-	-	2	960	194	1024	958	958	1024	479 + 479	958	950	930	
		250	EKO xxx 101225	420 + 380	1130	199	-	-	2	1160	194	1024	1158	958	1224	479 + 479	1158	950	1130	
		300	EKO xxx 101230	419 + 380	1130	199	-	-	2	960	194	1024	1158	958	1224	479 + 479	1158	950	1130	
1200	1200	250	EKO xxx 121225	420 + 380	1130	249	-	-	2	960	194	1024	1158	1158	1224	579 + 579	1158	950	1130	
		300	EKO xxx 121230	520 + 480	1130	249	-	-	2	1160	194	1224	1158	1158	1224	579 + 579	1158	1150	1130	
		400	EKO xxx 121240	520 + 480	1130	349	-	-	2	1160	194	1224	1158	1158	1224	579 + 579	1158	1150	1130	

Characteristics

Material

Sheet Steel (EN 10130 DC01)

Body : 1.2 / 1.5 mm

Door : 1.2 / 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)

Mounting plate : 1.5 - 2 mm

Surface Finishing

RAL7035w powder coating

IP Rating

IP65 (TS 3033, EN 60529)

Others

All welded construction

Solid / glazed door

Foamed-in door PU sealing gasket

135° concealed hinges

5mm Double-bit insert polyamide lock

Bottom gland plate

One piece PE gasket for gland plate



On Request

Custom sizes

Custom colour

Pre-punching



Supply Includes

Body

Door (Select ≈ K)

Mounting plate (Option ≈ M)

Cover plate set (Option ≈ P)

Gland plate with gasket

4/6 pcs wall brackets

Complementary Accessories

Rain canopy

Support base

DIN rail

Cover plate and profiles

Standoff

Door inside mounting profile

Pole fitting set

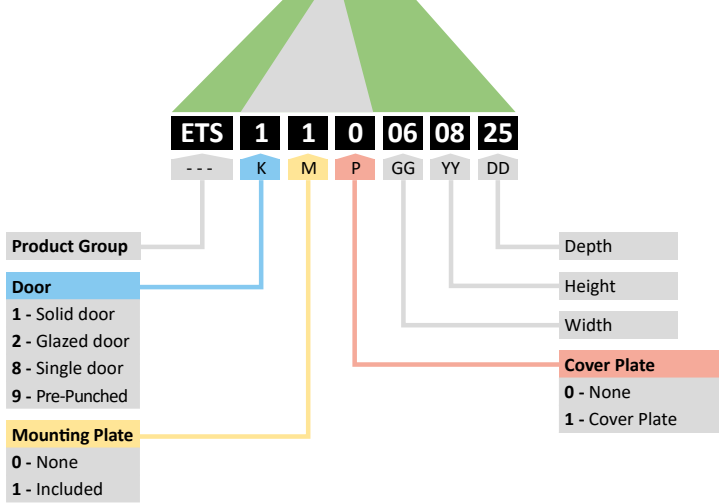
Plastic cover plate

Special locks and keys

Earthing cable

Width	Height	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Weight	Application Options				
				A	B	C	pcs	*	pcs	pcs	pcs	**	kg	Y / N
300	300	150	ETS xxx 030315	1	C	1	2	4	6,5	✓	–	–	✓	✓
		200	ETS xxx 030320	1	C	1	2	4	7,4	✓	✓	✓	✓	✓
	400	150	ETS xxx 030415	1	C	1	2	4	8,2	✓	–	–	✓	✓
		200	ETS xxx 030420	1	C	1	2	4	9,0	✓	✓	✓	✓	✓
		500	ETS xxx 030520	1	C	1	2	4	10,9	✓	✓	✓	✓	✓
400	400	200	ETS xxx 040420	1	C	1	2	4	11,2	✓	✓	✓	✓	✓
	500	200	ETS xxx 040520	1	C	1	2	4	13,4	✓	✓	✓	✓	✓
	600	200	ETS xxx 040620	1	C	2	2	4	14,8	✓	✓	✓	✓	✓
		250	ETS xxx 040625	1	C	2	2	4	16,7	✓	✓	–	✓	✓
500	500	200	ETS xxx 050520	1	C	1	2	4	16,0	✓	✓	✓	✓	✓
	700	200	ETS xxx 050720	1	C	2	3	4	21,2	✓	✓	✓	✓	✓
		250	ETS xxx 050725	1	C	2	3	4	22,9	✓	✓	–	✓	✓
600	600	200	ETS xxx 060620	1	C	2	2	4	22,1	✓	✓	✓	✓	✓
		200	ETS xxx 060820	1	C	2	3	4	28,0	✓	✓	✓	✓	✓
		250	ETS xxx 060825	1	C	2	3	4	29,5	✓	✓	–	✓	✓
	1000	200	ETS xxx 061020	1	C	2	3	4	34,6	✓	✓	✓	✓	✓
		250	ETS xxx 061025	1	C	2	3	4	37,0	✓	✓	–	✓	✓
800	800	200	ETS xxx 080820	1	C	2	3	4	35,2	✓	–	–	✓	✓
	1000	300	ETS xxx 081030	1	C	2	4	4	49,5	✓	–	–	✓	✓

* C: Quarter Turn
** For ETS 110 GG YY DD



Width	Height	Depth
A	B	C
mm	mm	mm
300	300	150
		200
	400	150
		200
	500	200
400	400	200
	500	200
	600	200
		250
	500	200
		200
		250
600	600	200
	800	200
		250
	1000	200
		250
		250
800	800	200
	1000	300

K →
M →
P →
Door
pcs



Solid Door
Mounting Plate
-- --
Reference
ETS 110 030315
ETS 110 030320
ETS 110 030415
ETS 110 030420
ETS 110 030520
ETS 110 040420
ETS 110 040520
ETS 110 040620
ETS 110 040625
ETS 110 050520
ETS 110 050720
ETS 110 050725
ETS 110 060620
ETS 110 060820
ETS 110 060825
ETS 110 061020
ETS 110 061025
ETS 110 080820
ETS 110 081030



Solid Door
-- --
Cover Plate
Reference
-- --
ETS 101 030320
-- --
ETS 101 030420
ETS 101 030520
ETS 101 040420
ETS 101 040520
ETS 101 040620
-- --
ETS 101 050520
ETS 101 050720
-- --
ETS 101 060620
ETS 101 060820
-- --
ETS 101 061020
-- --
-- --
-- --



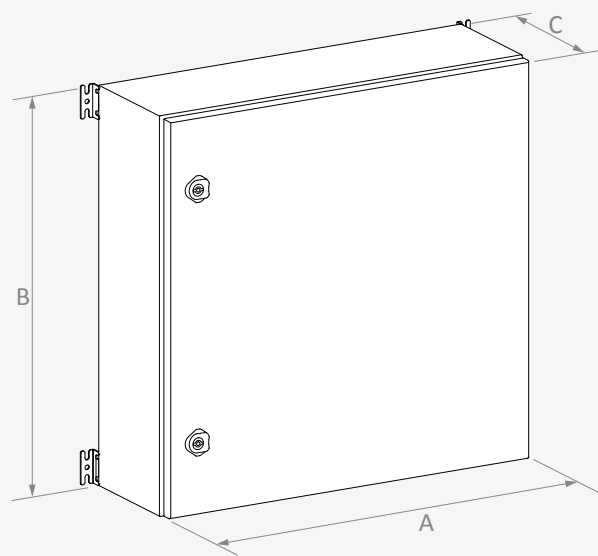
Glazed Door
Mounting Plate
-- --
Reference
ETS 210 030315
ETS 210 030320
ETS 210 030415
ETS 210 030420
ETS 210 030520
ETS 210 040420
ETS 210 040520
ETS 210 040620
ETS 210 040625
ETS 210 050520
ETS 210 050720
ETS 210 050725
ETS 210 060620
ETS 210 060820
ETS 210 060825
ETS 210 061020
ETS 210 061025
ETS 210 080820
ETS 210 081030



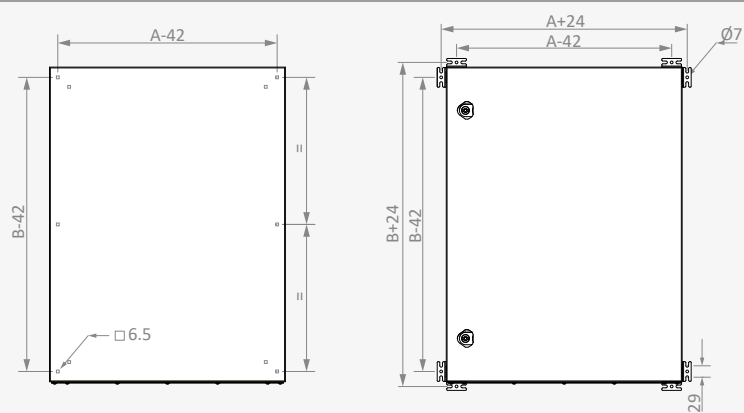
Glazed Door
--
Cover Plate
Reference
-- --
ETS 201 030320
-- --
ETS 201 030420
ETS 201 030520
ETS 201 040420
ETS 201 040520
ETS 201 040620
-- --
ETS 201 050520
ETS 201 050720
-- --
ETS 201 060620
ETS 201 060820
-- --
ETS 201 061020
-- --
-- --
-- --



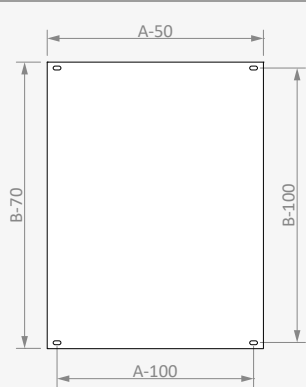
Pre-Punched Door
Mounting Plate
-- --
Reference
ETS 910 030315
ETS 910 030320
ETS 910 030415
ETS 910 030420
ETS 910 030520
ETS 910 040420
ETS 910 040520
ETS 910 040620
ETS 910 040625
ETS 910 050520
ETS 910 050720
ETS 910 050725
ETS 910 060620
ETS 910 060820
ETS 910 060825
ETS 910 061020
ETS 910 061025
ETS 910 080820
ETS 910 081030



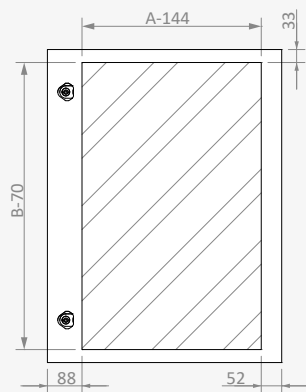
WALL MOUNTING



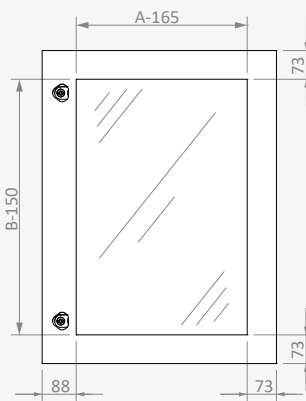
MOUNTING PLATE



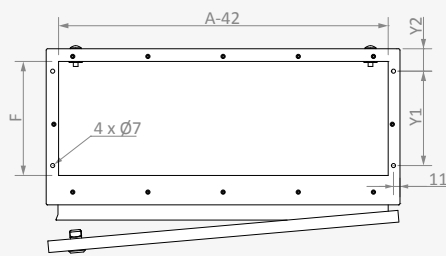
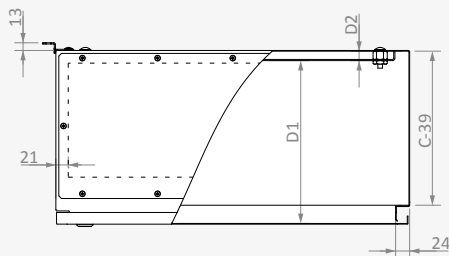
SOLID DOOR USEFUL AREA



GLAZED DOOR APPARENT AREA



DEPTH DIMENSIONS



Width A	Height B	Depth C	Reference	Useful Area			Glazed Door Apparent Area		Gland Plate			Wall Mounting						Mounting Plate	
				Door		Side	↔	↕	#	↔	↗	With Bracket		Internal					
				↔	↕							Side	Up/Down						
mm	mm	mm		mm	mm	mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	mm	mm
300	300	150	ETS xxx 030315	156	230	127	135	150	1	260	60	324	258	258	324	258	258	250	230
		200	ETS xxx 030320	156	230	177	135	150	1	260	110	324	258	258	324	258	258	250	230
	400	150	ETS xxx 030415	156	330	127	135	250	1	260	60	324	358	258	424	258	358	250	330
		200	ETS xxx 030420	156	330	177	135	250	1	260	110	324	358	258	424	258	358	250	330
	500	200	ETS xxx 030520	156	430	177	135	350	1	260	110	324	458	258	524	258	458	250	430
400	400	200	ETS xxx 040420	256	330	177	235	250	1	360	110	424	358	358	424	358	358	350	330
	500	200	ETS xxx 040520	256	430	177	235	350	1	360	110	424	458	358	524	358	458	350	430
	600	200	ETS xxx 040620	256	530	177	235	450	1	360	110	424	558	358	624	358	558	350	530
		250	ETS xxx 040625	256	530	227	235	450	1	360	160	424	558	358	624	358	558	350	530
500	500	200	ETS xxx 050520	356	430	177	335	350	1	460	110	524	458	458	524	458	458	450	430
	700	200	ETS xxx 050720	356	630	177	335	550	1	460	110	524	658	458	724	458	658	450	630
		250	ETS xxx 050725	356	630	227	335	550	1	460	160	524	658	458	724	458	658	450	630
600	600	200	ETS xxx 060620	456	530	177	435	450	1	560	110	624	558	558	624	558	558	550	530
	800	200	ETS xxx 060820	456	730	177	435	650	1	560	110	624	758	558	824	558	758	550	730
		250	ETS xxx 060825	456	730	227	435	650	1	560	160	624	758	558	824	558	758	550	730
	1000	200	ETS xxx 061020	456	930	177	435	850	1	560	110	624	958	558	1024	558	958	550	930
		250	ETS xxx 061025	456	930	227	435	850	1	560	160	624	958	558	1024	558	958	550	930
800	800	200	ETS xxx 080820	656	730	177	635	650	1	760	110	824	758	758	824	758	758	750	730
	1000	300	ETS xxx 081030	656	930	277	635	850	1	760	210	824	958	758	1024	758	958	750	930

Characteristics

Material

Sheet Steel (EN 10130 DC01)
■ Body : 1.5 mm
■ Door : 1.5 mm
Galvanized Steel (EN 10346 DX51D+Z)
■ Mounting plate : 2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

Single door enclosures
■ IP65 (TS 3033, EN 60529)
Double door enclosures
■ IP55 (TS 3033, EN 60529)

Others

■ All welded construction
■ Solid door
■ Foamed-in door PU sealing gasket
■ Bottom gland plate



On Request

■ Custom sizes
■ Custom colour
■ Pre-punching



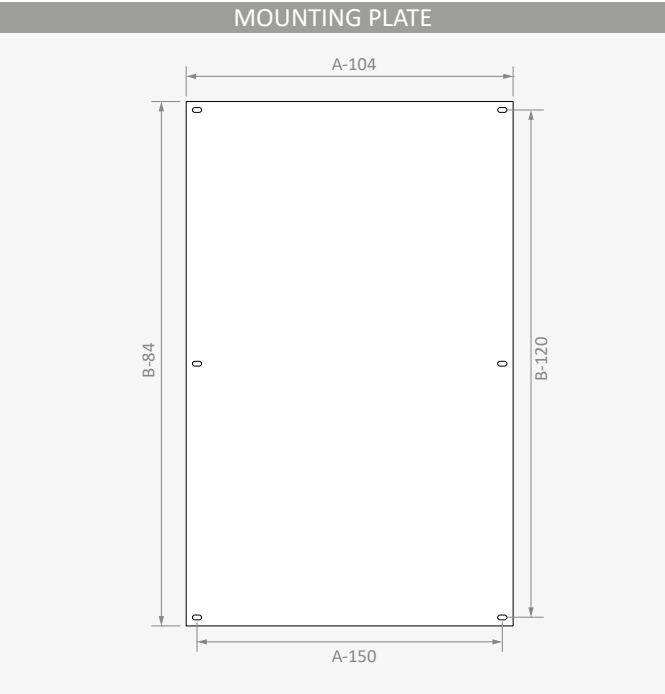
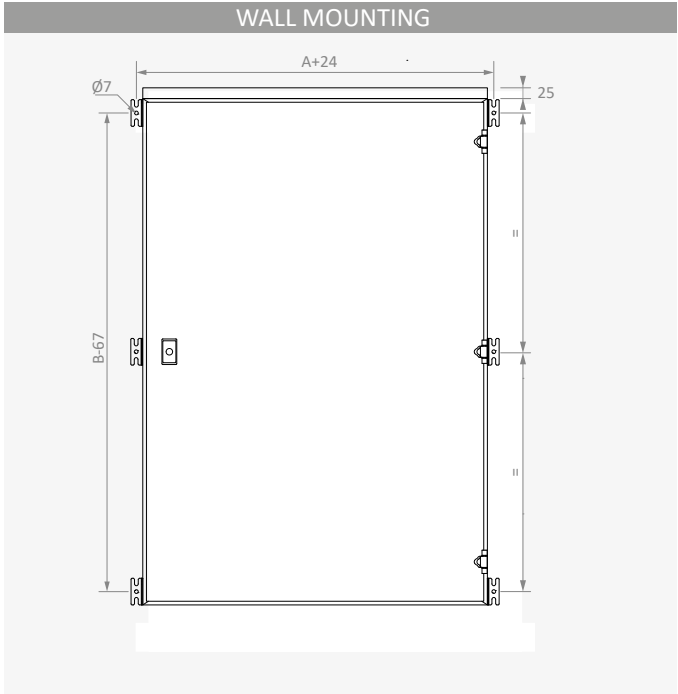
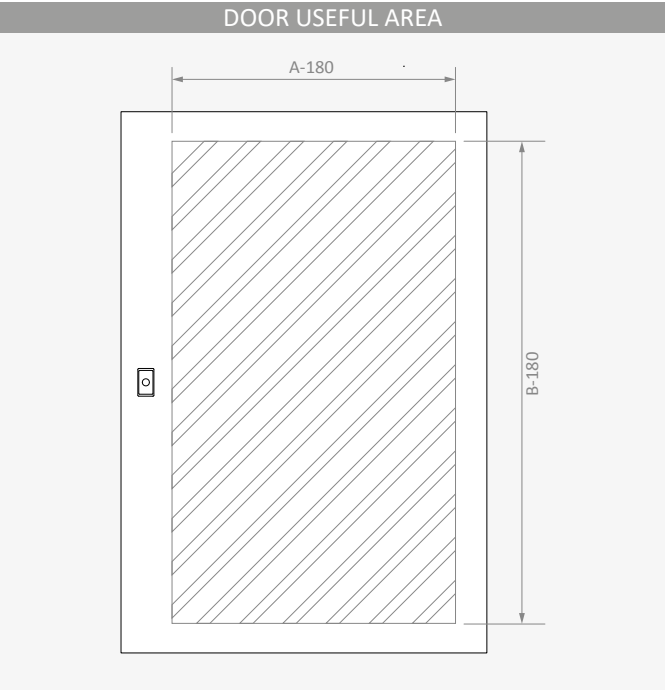
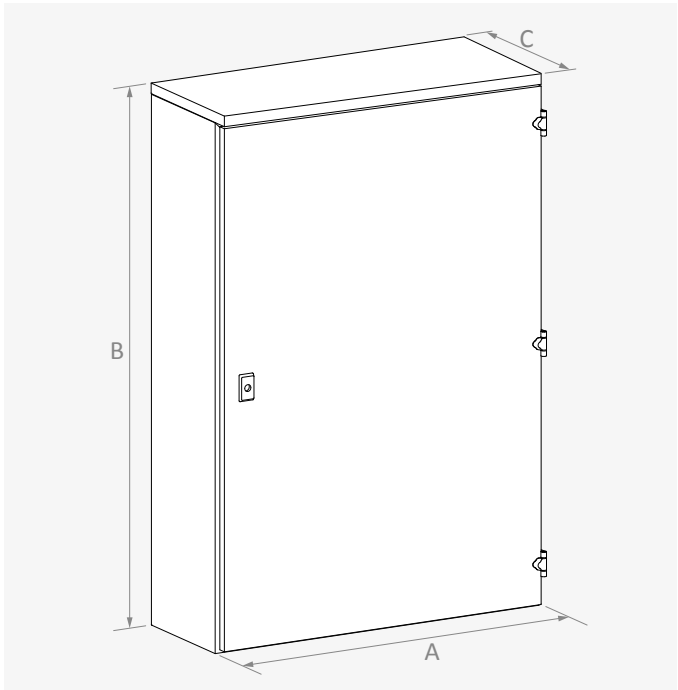
Supply Includes

■ Body
■ Door
■ Rain canopy
■ Mounting plate
■ 4/6 pcs wall brackets
■ Gland plate with gasket

Complementary Accessories

■ Support base
■ Cover plate and profiles
■ Standoff
■ Door inside mounting profile
■ Plan pocket
■ Special locks and keys
■ Earthing cable
■ Plastic cover plate

Width	Height	Depth	Reference	Door	Hinge	Wall Bracket	Door Useful Area		Gland Plate			Wall Mounting		Mounting Plate	
A	B	C		pcs	pcs	pcs	↔ mm	↕ mm	pcs	↔ mm	↕ mm	↔ mm	↕ mm	↔ mm	↕ mm
600	1200	250	EDT 061225	1	3	6	420	1020	1	560	113	644	1089	496	1116
		300	EDT 061230	1	3	6	420	1020	1	560	203	644	1089	496	1116
	1400	250	EDT 061425	1	3	6	420	1220	1	560	113	644	1289	496	1316
		300	EDT 061430	1	3	6	420	1220	1	560	203	644	1289	496	1316
	1600	250	EDT 061625	1	3	6	420	1420	1	560	113	644	1489	496	1516
800	1200	250	EDT 081225	1	3	6	620	1020	1	760	113	844	1089	696	1116
		300	EDT 081230	1	3	6	620	1020	1	760	203	844	1089	696	1116
	1400	250	EDT 081425	1	3	6	620	1220	1	760	113	844	1289	696	1316
		300	EDT 081430	1	3	6	620	1220	1	760	203	844	1289	696	1316
	1600	250	EDT 081625	1	3	6	620	1420	1	760	113	844	1489	696	1516
1000	1200	300	EDT 101230	2	6	6	320 + 320	1020	1	960	203	1044	1089	896	1116
	1400	300	EDT 101430	2	6	6	320 + 320	1220	1	960	203	1044	1289	896	1316



Characteristics

Material

Stainless Steel 430 (EN 10088 1.4016)

■ Body : 1.2 mm

■ Door : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)

■ Mounting plate : 1.5 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

■ IP66 (TS 3033, EN 60529)

Others

■ All welded construction

■ Solid door

■ Foamed-in door PU sealing gasket

■ 135° concealed hinges

■ 5mm Double-bit insert chrome coated zamak lock

■ Bottom gland plate

■ Door stay

On Request

■ Custom sizes

■ Custom colour

■ Pre-punching



Supply Includes

■ Body

■ Door

■ Mounting plate

■ Door stay

■ Gland plate with gasket

Complementary Accessories

■ Cover plate and profiles

■ Standoff

■ Door inside mounting profile

■ Special locks and keys

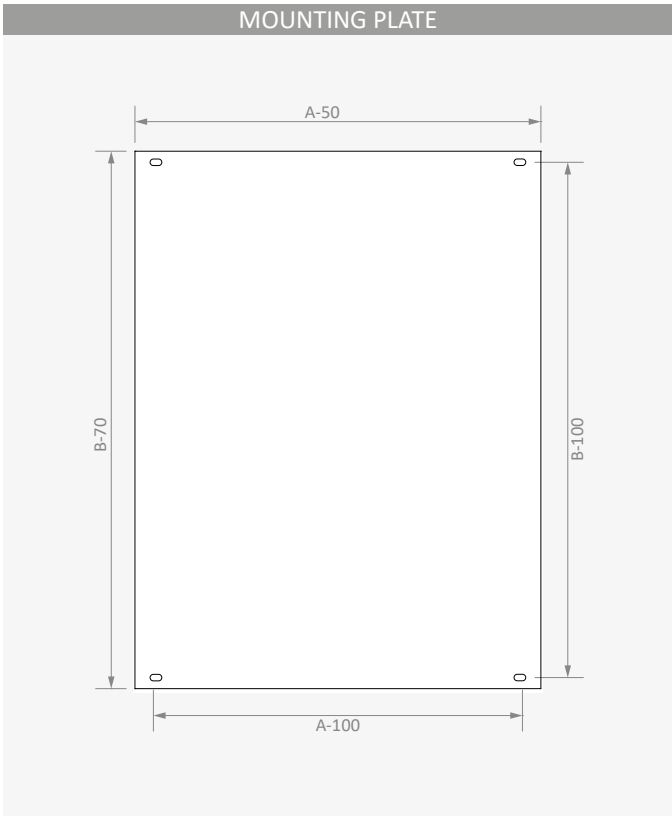
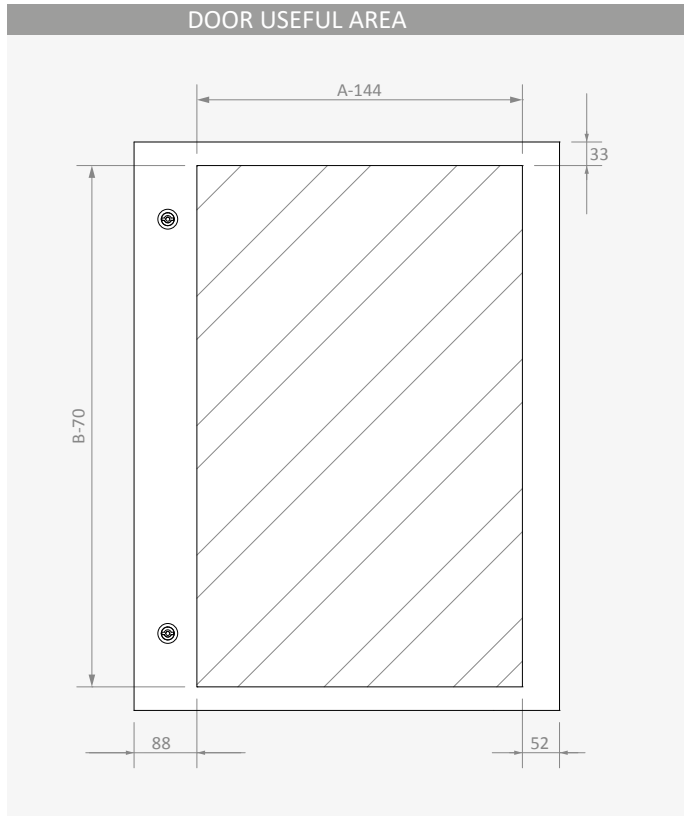
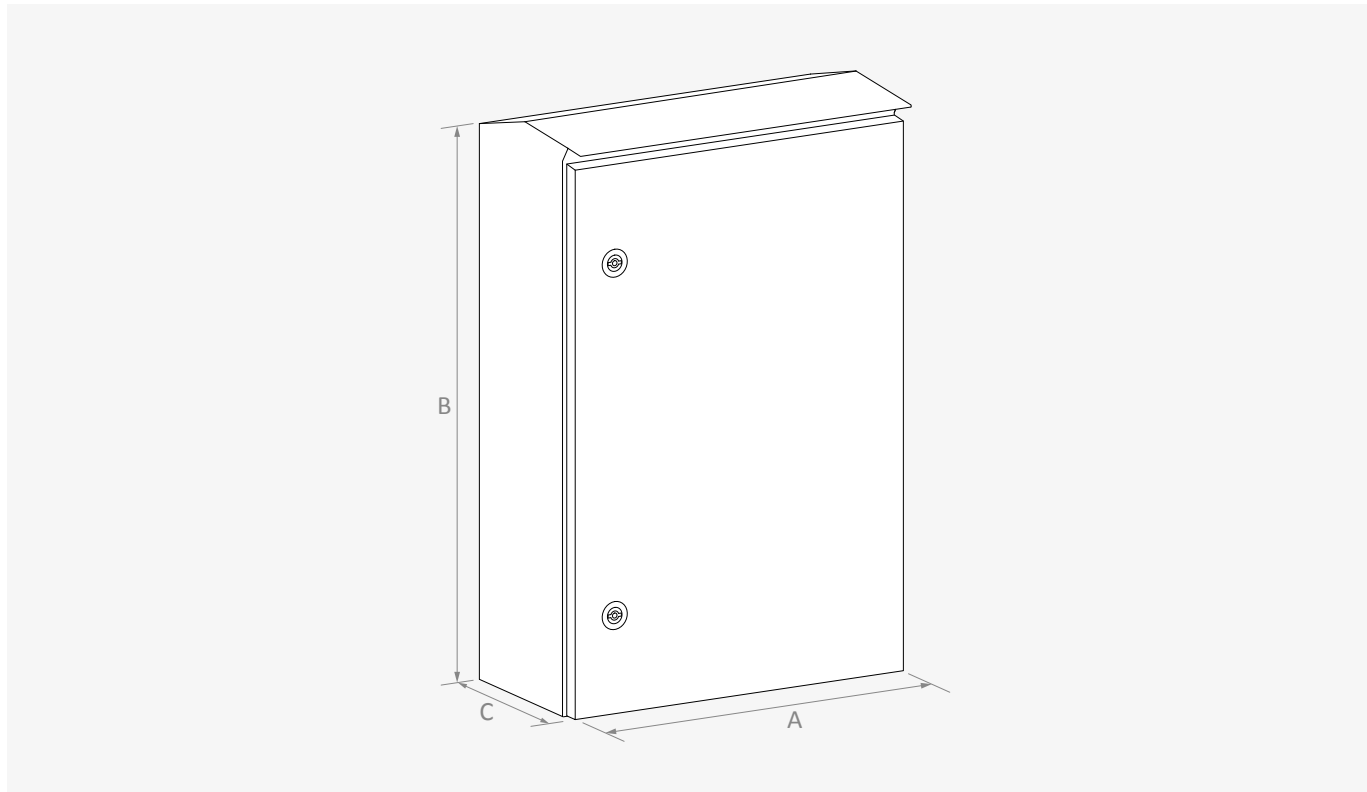
■ Earthing cable

■ Pole fitting set



Width	Height	Depth	Reference	Lock Type	Lock	Hinge	Useful Area			Cable Gland			Mounting Plate	
							Door		Depth					
A	B	C		*	pcs	pcs	↔	↕	↗	pcs	↔	↗	↔	↕
mm	mm	mm					mm	mm	mm		mm	mm	mm	mm
300	400	200	HDS 030420	C	1	2	156	330	177	1	260	110	250	330
400	600	200	HDS 040620	C	2	2	256	530	177	1	360	110	350	530
500	700	200	HDS 050720	C	2	3	356	630	177	1	460	110	450	630
600	600	200	HDS 060620	C	2	2	456	530	177	1	560	110	550	530
	800	250	HDS 060825	C	2	3	456	730	227	1	560	110	550	730

* C: Quarter Turn



Characteristics

Material

Sheet Steel (EN 10130 DC01)
■ Body : 1.2 / 1.5 mm
■ Door : 1.2 / 1.5 mm
Galvanized Steel (EN 10346 DX51D+Z)
■ Mounting plate : 1.5 mm

Surface Finishing

■ RAL7035w powder coating

Others

■ All welded construction
■ Solid + glazed door
■ Foamed-in door PU sealing gasket
■ 135° concealed hinges
■ 5mm Double-bit insert polyamide lock
■ Top and bottom brushed cable entry plates



On Request

■ Custom sizes
■ Custom colour
■ Pre-punching



Supply Includes

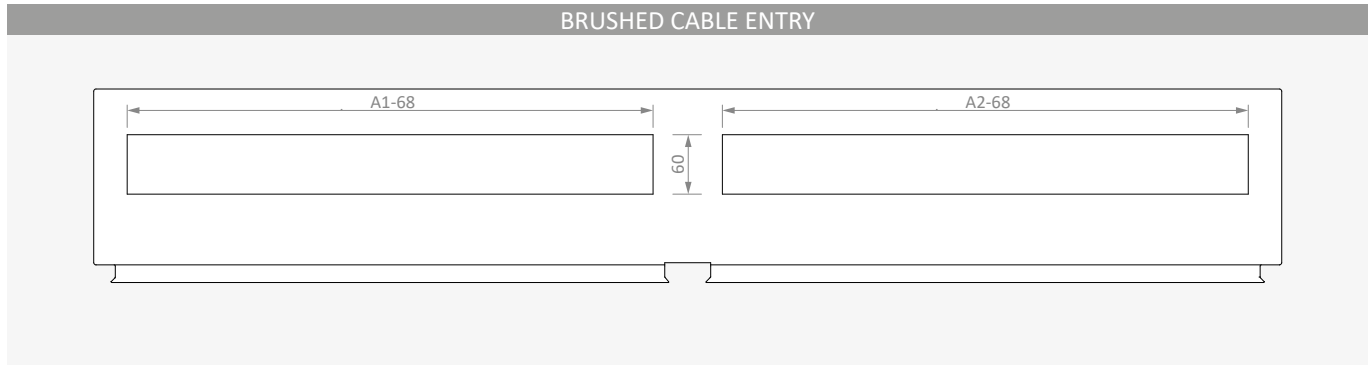
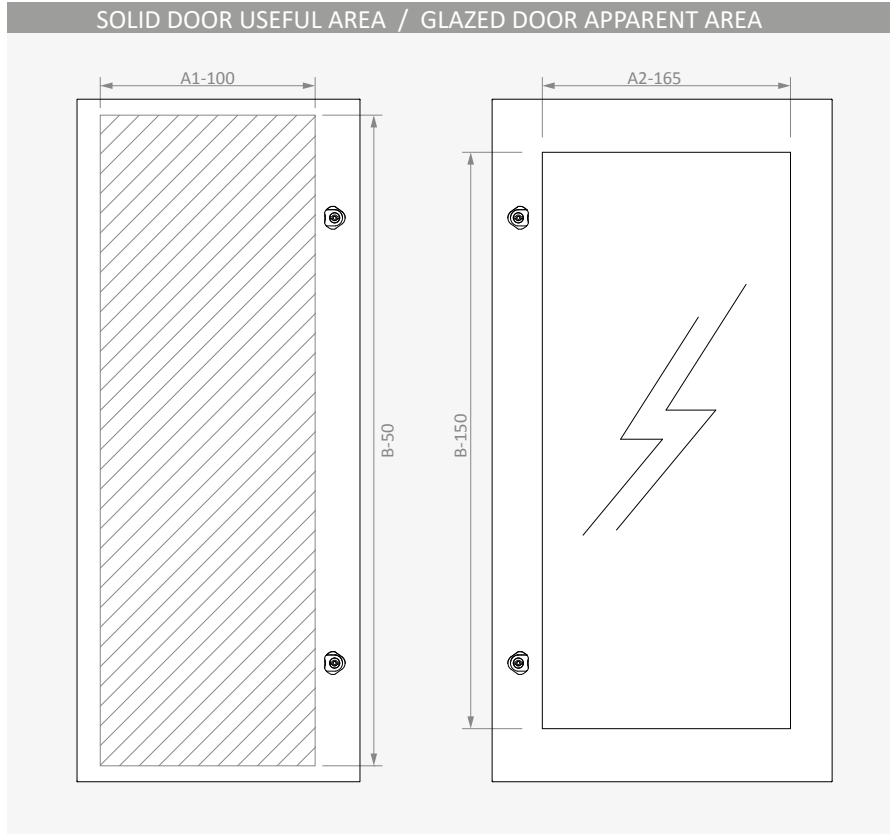
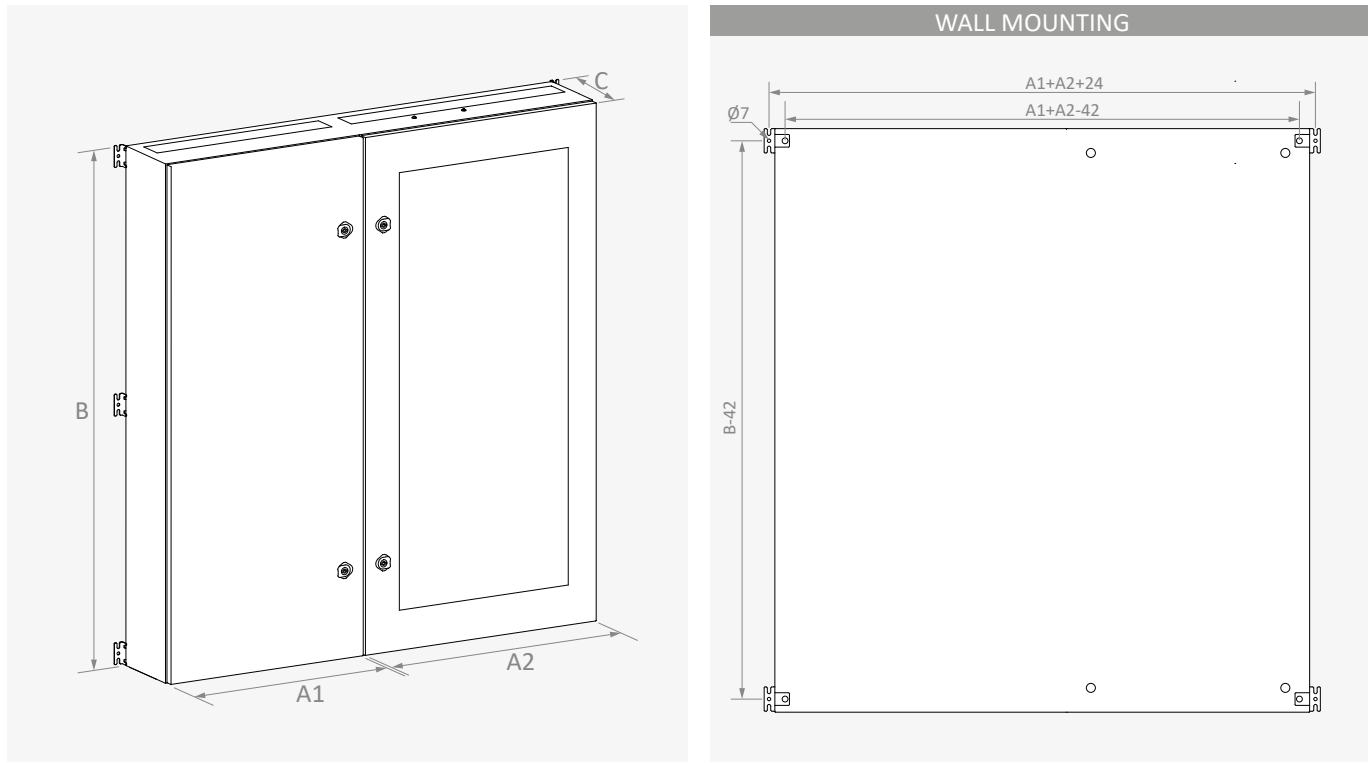
■ Body
■ Door
■ Incoming mounting plate
■ Distribution cover plate set
■ 4 pcs brushed cable entry plate
■ 4/6 pcs wall brackets

Complementary Accessories

■ DIN rail
■ Door inside mounting profile
■ Plastic cover plate
■ Special locks and keys
■ Earthing cable

Incoming Width	Distribution Width	Height	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Incoming		Distribution		
										Mounting Plate		Cover Plate	Cover Capacity	Total Capacity
										↔	↕			
A1	A2	B	C							mm	mm	pcs	Module*	Module*
mm	mm	mm	mm		pcs	*	pcs	pcs	pcs					
400	600	600	200	KDS 04060620	1+1	C	2 + 2	2 + 2	4	350	530	3	29	87
		800	200	KDS 04060820	1+1	C	2 + 2	3 + 3	6	350	730	4	29	116
		1000	200	KDS 04061020	1+1	C	2 + 2	3 + 3	6	350	930	5	29	145
		1200	200	KDS 04061220	1+1	C	2 + 2	4 + 4	6	350	1130	6	29	174
	800	600	200	KDS 04080620	1+1	C	2 + 2	2 + 2	4	350	530	3	39	117
		800	200	KDS 04080820	1+1	C	2 + 2	3 + 3	6	350	730	4	39	156
		1000	200	KDS 04081020	1+1	C	2 + 2	3 + 3	6	350	930	5	39	195
		1200	200	KDS 04081220	1+1	C	2 + 2	4 + 4	6	350	1130	6	39	234
600	600	600	200	KDS 06060620	1+1	C	2 + 2	2 + 2	4	550	530	3	29	87
		800	200	KDS 06060820	1+1	C	2 + 2	3 + 3	6	550	730	4	29	116
		1000	200	KDS 06061020	1+1	C	2 + 2	3 + 3	6	550	930	5	29	145
		1200	200	KDS 06061220	1+1	C	2 + 2	4 + 4	6	550	1130	6	29	174
	800	600	200	KDS 06080620	1+1	C	2 + 2	2 + 2	4	550	530	3	39	117
		800	200	KDS 06080820	1+1	C	2 + 2	3 + 3	6	550	730	4	39	156
		1000	200	KDS 06081020	1+1	C	2 + 2	3 + 3	6	550	930	5	39	195
		1200	200	KDS 06081220	1+1	C	2 + 2	4 + 4	6	550	1130	6	39	234

* C: Quarter Turn



Incoming Width	Distribution Width	Height	Depth	Reference	Useful Area		Glazed Door		Brushed Cable Entry				Wall Mounting			
					Incoming Solid Door		Distribution Apparent Area		Incoming		Distribution		With Bracket		Internal	
					↔ mm	↕ mm	↔ mm	↕ mm	↔ mm	↗ mm	↔ mm	↗ mm	↔ mm	↗ mm	↔ mm	↗ mm
400	600	600	200	KDS 04060620	256	530	435	450	256	60	435	60	1024	558	958	558
		800	200	KDS 04060820	256	730	435	650	256	60	435	60	1024	758	958	758
		1000	200	KDS 04061020	256	930	435	850	256	60	435	60	1024	958	958	958
		1200	200	KDS 04061220	256	1130	435	1050	256	60	435	60	1024	1158	958	1158
	800	600	200	KDS 04080620	256	530	635	450	256	60	635	60	1224	558	1158	558
		800	200	KDS 04080820	256	730	635	650	256	60	635	60	1224	758	1158	758
		1000	200	KDS 04081020	256	930	635	850	256	60	635	60	1224	958	1158	958
		1200	200	KDS 04081220	256	1130	635	1050	256	60	635	60	1224	1158	1158	1158
600	600	600	200	KDS 06060620	456	530	435	450	456	60	435	60	1224	558	958	558
		800	200	KDS 06060820	456	730	435	650	456	60	435	60	1224	758	958	758
		1000	200	KDS 06061020	456	930	435	850	456	60	435	60	1224	958	958	958
		1200	200	KDS 06061220	456	1130	435	1050	456	60	435	60	1224	1158	958	1158
	800	600	200	KDS 06080620	456	530	635	450	456	60	635	60	1424	558	1158	558
		800	200	KDS 06080820	456	730	635	650	456	60	635	60	1424	758	1158	758
		1000	200	KDS 06081020	456	930	635	850	456	60	635	60	1424	958	1158	958
		1200	200	KDS 06081220	456	1130	635	1050	456	60	635	60	1424	1158	1158	1158

Characteristics

Material

Galvanized Steel (EN 10346 DX51D+Z)

■ Body : 1.5 mm

■ Door : 1.5 mm

■ Mounting plate : 1.5 mm

Surface Finishing

■ RAL7035w powder coated outer surface

IP Rating

■ IP65 (TS 3033, EN 60529)

Others

■ Solid door

■ EMC gasket in door

■ Conductive interior surface

■ 135° concealed hinges

■ 5mm Double-bit insert chrome coated zamak lock



On Request

■ Custom sizes

■ Custom colour

■ Pre-punching

■ Special mounting plate



Supply Includes

■ Body

■ EMC gasketed sealed door

■ Mounting plate

■ 4 pcs wall brackets

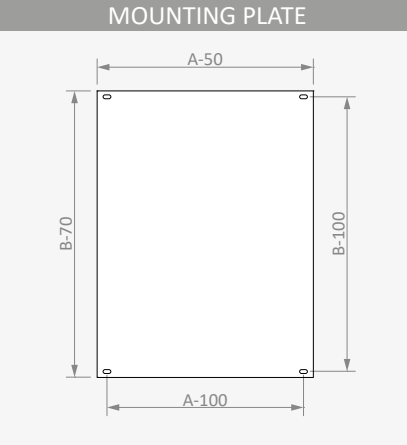
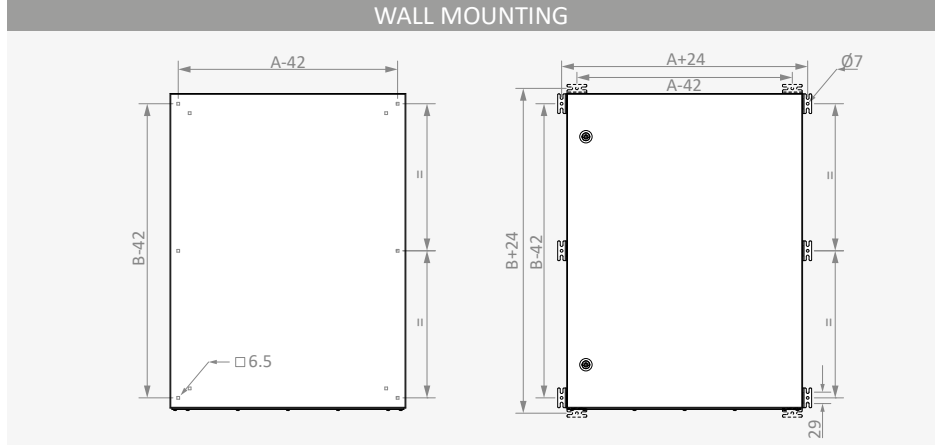
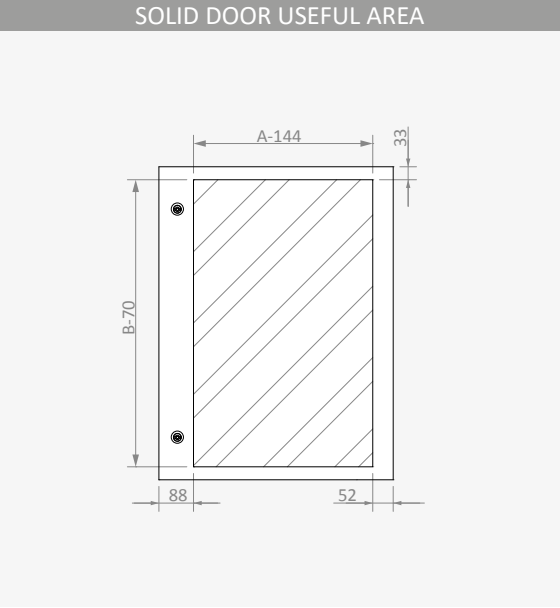
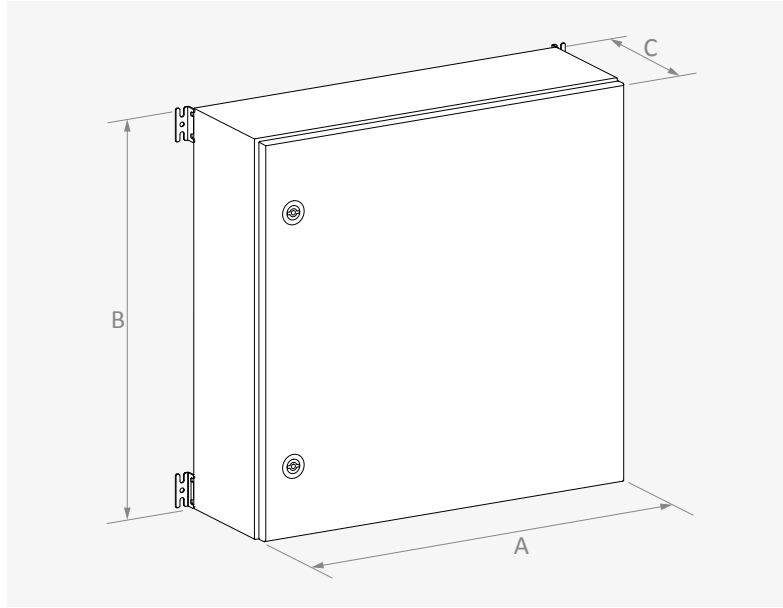
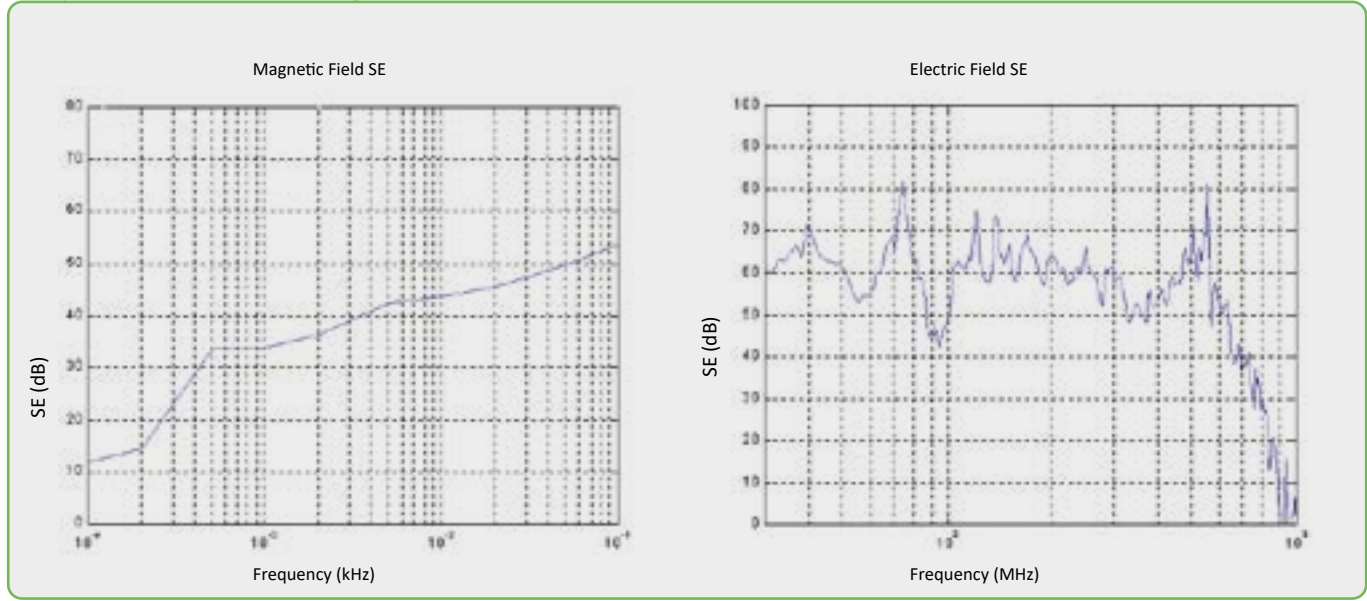
Complementary Accessories

■ DIN rail

■ Door inside mounting profile

■ Earthing cable

Width	Height	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Brackets	Wall Mounting				Mounting Plate		Weight		
									Side		Up/Down		↔	↕		↔	↕
									↔	↕	↔	↕					
A	B	C		pcs	*	pcs	pcs	pcs	mm	mm	mm	mm	mm	mm	kg		
400	400	200	ESE 040420	1	C	1	2	4	424	358	358	424	350	330	9.3		
	600	200	ESE 040620	1	C	2	2	4	424	558	358	624	350	530	12.7		
600	600	200	ESE 060620	1	C	2	2	4	624	558	558	624	550	530	16.1		
	1000	300	ESE 061030	1	C	2	3	6	624	958	558	1024	550	930	28.1		



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Frame : 1.5 mm
- Panel : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

- Mounting plate : 2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- Welded frame construction
- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Door and panel options for rear side
- Multiple mounting plate possibility
- The modular construction can be join
- Removable side panels
- Plinth and cover options

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Flat pack options



Supply Includes

- Front and rear frame
- Door (Select ≈ **K**)
- Rear panel (Select ≈ **K**)
- Mounting plate (Option ≈ **M**)
- Plinth (Option ≈ **P**)
- Top cover
- 4/6 pcs side rails

Complementary Accessories

- Side panel
- Eye bolt
- Rain canopy
- Cover plate and profiles
- Hinged cover plate
- Short mounting plate
- Partial mounting plate
- Infill mounting plate
- Carriage depth slide and support
- Separating profile
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Joining set
- Adjustable / pull out perforated shelf
- Plan pocket
- Plastic cover plate
- Earthing cable
- Door inside mounting profile
- 19" upright profiles
- Swing frame

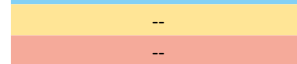
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A	B	C		pcs	pcs	Y / N		A	B	C		pcs	pcs	Y / N		A	B	C		pcs	pcs	Y / N					
mm	mm	mm		mm	mm	mm		mm	mm	mm		mm	mm	mm		mm	mm	mm		mm	mm	mm		mm	mm	mm	mm
400	600	400	AS xxx 040640	1	2	✓	800	600	400	AS xxx 080640	1	2	✓	1200	600	400	AS xxx 120640	2	2+2	-	1400	600	400	AS xxx 140640	2	2+2	-
		500	AS xxx 040650	1	2	✓			500	AS xxx 080650	1	2	✓			500	AS xxx 120650	2	2+2	-			500	AS xxx 140650	2	2+2	-
		600	AS xxx 040660	1	2	✓			600	AS xxx 080660	1	2	✓			600	AS xxx 120660	2	2+2	-			600	AS xxx 140660	2	2+2	-
		800	AS xxx 040680	1	2	✓			800	AS xxx 080680	1	2	✓			800	AS xxx 120680	2	2+2	-			800	AS xxx 140680	2	2+2	-
	800	400	AS xxx 040840	1	2	✓		800	400	AS xxx 080840	1	2	✓		800	400	AS xxx 120840	2	2+2	-		800	400	AS xxx 140840	2	2+2	-
		500	AS xxx 040850	1	2	✓			500	AS xxx 080850	1	2	✓			500	AS xxx 120850	2	2+2	-			500	AS xxx 140850	2	2+2	-
		600	AS xxx 040860	1	2	✓			600	AS xxx 080860	1	2	✓			600	AS xxx 120860	2	2+2	-			600	AS xxx 140860	2	2+2	-
		800	AS xxx 040880	1	2	✓			800	AS xxx 080880	1	2	✓			800	AS xxx 120880	2	2+2	-			800	AS xxx 140880	2	2+2	-
	1000	400	AS xxx 041040	1	2	✓		1000	400	AS xxx 081040	1	2	✓		1000	400	AS xxx 121040	2	2+2	-		1000	400	AS xxx 141040	2	2+2	-
		500	AS xxx 041050	1	2	✓			500	AS xxx 081050	1	2	✓			500	AS xxx 121050	2	2+2	-			500	AS xxx 141050	2	2+2	-
		600	AS xxx 041060	1	2	✓			600	AS xxx 081060	1	2	✓			600	AS xxx 121060	2	2+2	-			600	AS xxx 141060	2	2+2	-
		800	AS xxx 041080	1	2	✓			800	AS xxx 081080	1	2	✓			800	AS xxx 121080	2	2+2	-			800	AS xxx 141080	2	2+2	-
	1200	400	AS xxx 041240	1	2	✓		1200	400	AS xxx 081240	1	2	✓		1200	400	AS xxx 121240	2	2+2	-		1200	400	AS xxx 141240	2	2+2	-
		500	AS xxx 041250	1	2	✓			500	AS xxx 081250	1	2	✓			500	AS xxx 121250	2	2+2	-			500	AS xxx 141250	2	2+2	-
		600	AS xxx 041260	1	2	✓			600	AS xxx 081260	1	2	✓			600	AS xxx 121260	2	2+2	-			600	AS xxx 141260	2	2+2	-
		800	AS xxx 041280	1	2	✓			800	AS xxx 081280	1	2	✓			800	AS xxx 121280	2	2+2	-			800	AS xxx 141280	2	2+2	-
	1400	400	AS xxx 041440	1	3	✓		1400	400	AS xxx 081440	1	3	✓		1400	400	AS xxx 121440	2	3+3	-		1400	400	AS xxx 141440	2	3+3	-
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		800	AS xxx 041680	1	3	✓			800	AS xxx 081680	1	3	✓			800	AS xxx 121680	2	3+3	-			800	AS xxx 141680	2	3+3	-
	1800	400	AS xxx 041840	1	3	✓		1800	400	AS xxx 081840	1	3	✓		1800	400	AS xxx 121840	2	3+3	✓		1800	400	AS xxx 141840	2	3+3	✓
		500	AS xxx 041850	1	3	✓			500	AS xxx 081850	1	3	✓			500	AS xxx 121850	2	3+3	✓			500	AS xxx 141850	2	3+3	✓
		600	AS xxx 041860	1	3	✓			600	AS xxx 081860	1	3	✓			600	AS xxx 121860	2	3+3	✓			600	AS xxx 141860	2	3+3	✓
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2000	400	AS xxx 062040	1	3	✓	2000	400	AS xxx 102040	2	3+3	✓	2000	400	AS xxx 142040	2	3+3	✓										
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	600	AS xxx 062060	1	3	✓		600	AS xxx 102060	2	3+3	✓		600	AS xxx 142060	2	3+3	✓										
	800	AS xxx 062080	1	3	✓		800	AS xxx 102080	2	3+3	✓		800	AS xxx 142080	2	3+3	✓										

Width	Height	Depth	Door
A	B	C	
mm	mm	mm	pcs
400	600	600	1
	800	600	1
	1000	600	1
	1200	600	1
	1400	600	1
	1600	600	1
	1800	600	1
	2000	600	1
	800	600	1
	1000	600	1
	1200	600	1
	1400	600	1
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	800	600	1
	1000	600	1
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	1200	600	1
	1400	600	1
	1600	600	1
	1800	600	1
	2000	600	1
	800	600	1
	1000	600	1
	1200	600	1
	1400	600	1

K →
M →
P →



Solid door + Rear Panel



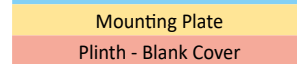
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Solid door + Rear Panel



Mounting Plate



Plinth - Blank Cover



Solid door + Fixed Rear Panel



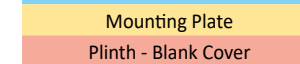
Mounting Plate



200 mm Plinth - Blank Cover



Glazed door + Rear Panel



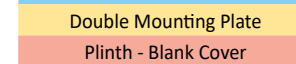
Mounting Plate



Plinth - Blank Cover



Glazed Door + Solid Door



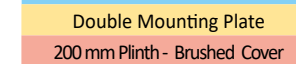
Double Mounting Plate



Plinth - Blank Cover



Solid Door + Solid Door



Double Mounting Plate



200 mm Plinth - Brushed Cover



Solid Door + Yekpare Sirt



Mounting Plate



200 mm Plinth - Brushed Cover

Reference

AS 211 040660
AS 211 040860
AS 211 041060
AS 211 041260
AS 211 041460
AS 211 041660
AS 211 041860
AS 211 041880
AS 211 042060
AS 211 042080
AS 211 060660
AS 211 060860
AS 211 061060
AS 211 061260
AS 211 061460
AS 211 061660
AS 211 061860
AS 211 061880
AS 211 062060
AS 211 062080
AS 211 080660
AS 211 080860
AS 211 081060
AS 211 081260
AS 211 081460
AS 211 081660
AS 211 081860
AS 211 081880
AS 211 082060
AS 211 082080

Reference

AS 521 040660
AS 521 040860
AS 521 041060
AS 521 041260
AS 521 041460
AS 521 041660
AS 521 041860
AS 521 041880
AS 521 042060
AS 521 042080
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AS 521 082080

Reference

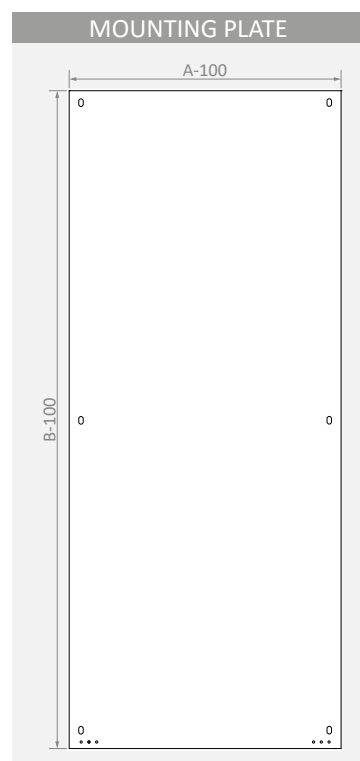
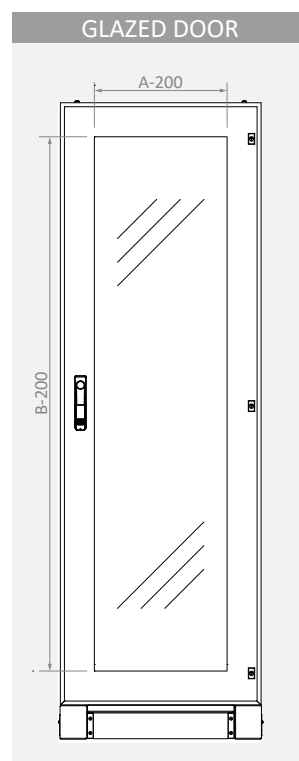
AS 426 040660
AS 426 040860
AS 426 041060
AS 426 041260
AS 426 041460
AS 426 041660
AS 426 041860
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AS 426 082060
AS 426 082080
AS 426 101860
AS 426 101880
AS 426 102060
AS 426 102080
AS 426 121860
AS 426 121880
AS 426 122060
AS 426 122080
AS 426 141860
AS 426 141880
AS 426 142060
AS 426 142080

Reference

AS A16 040660
AS A16 040860
AS A16 041060
AS A16 041260
AS A16 041460
AS A16 041660
AS A16 041860
AS A16 041880
AS A16 042060
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AS A16 102080
AS A16 121860
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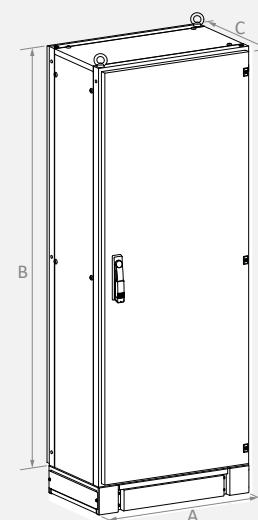
AS110102040							
Product Group	---	K	M	P	GG	YY	DD
Door / Rear Panel							
1 - Solid door + Rear Panel							
2 - Glazed door + Rear Panel							
3 - Pre-punched D. + Rear Panel							
4 - Solid door + Solid door							
5 - Glazed door + Solid door							
6 - Pre-punched D. + Solid door							
7 - Glazed door + Glazed door							
8 - Pre-punched D. + Glazed door							
9 - Pre-punched D. + Pre-punched D.							
A - Solid door + Fixed Rear Panel							
B - Glazed D. + Fixed Rear Panel							
C - Pre-punched D. + Fixed Rear Panel							
Mounting Plate							
0 - None							
1 - Mounting plate c/w Sliding Rail / Front Fixing							
2 - Double mounting plate c/w Sliding Rail / Front Fixing							
3 - Mounting plate c/w Fixed Type on Rear Frame / Front Fixing							
4 - Mounting plate c/w Sliding Rail / Side Fixing							
5 - Sliding Rail/Front Fixing c/w Most Rear Position Front Fixing							
Plinth							
0 - None							
1 - 100mm / Blank cover							
2 - 100mm / Sliding cover							
3 - 100mm / Brushed cover							
4 - 200mm / Blank cover							
5 - 200mm / Sliding cover							
6 - 200mm / Brushed cover							
7 - Bottom cover plate							

Width A mm	Height B mm	Reference	Solid Door	Useful Area		Glazed Door	Apparent Area		Mounting Plate	Dimensions	
				↔ mm	↕ mm		↔ mm	↕ mm		↔ mm	↕ mm
400	600	AS xxx 0406**	AS KP0406	220	420	AS KPX0406	200	400	AS TS0406	300	500
	800	AS xxx 0408**	AS KP0408	220	620	AS KPX0408	200	600	AS TS0408	300	700
	1000	AS xxx 0410**	AS KP0410	220	820	AS KPX0410	200	800	AS TS0410	300	900
	1200	AS xxx 0412**	AS KP0412	220	1020	AS KPX0412	200	1000	AS TS0412	300	1100
	1400	AS xxx 0414**	AS KP0414	220	1220	AS KPX0414	200	1200	AS TS0414	300	1300
	1600	AS xxx 0416**	AS KP0416	220	1400	AS KPX0416	200	1400	AS TS0416	300	1500
	1800	AS xxx 0418**	AS KP0418	220	1620	AS KPX0418	200	1600	AS TS0418	300	1700
	2000	AS xxx 0420**	AS KP0420	220	1820	AS KPX0420	200	1800	AS TS0420	300	1900
600	600	AS xxx 0606**	AS KP0606	420	420	AS KPX0606	400	400	AS TS0606	500	500
	800	AS xxx 0608**	AS KP0608	420	620	AS KPX0608	400	600	AS TS0608	500	700
	1000	AS xxx 0610**	AS KP0610	420	820	AS KPX0610	400	800	AS TS0610	500	900
	1200	AS xxx 0612**	AS KP0612	420	1020	AS KPX0612	400	1000	AS TS0612	500	1100
	1400	AS xxx 0614**	AS KP0614	420	1220	AS KPX0614	400	1200	AS TS0614	500	1300
	1600	AS xxx 0616**	AS KP0616	420	1420	AS KPX0616	400	1400	AS TS0616	500	1500
	1800	AS xxx 0618**	AS KP0618	420	1620	AS KPX0618	400	1600	AS TS0618	500	1700
	2000	AS xxx 0620**	AS KP0620	420	1820	AS KPX0620	400	1800	AS TS0620	500	1900
800	600	AS xxx 0806**	AS KP0806	620	420	AS KPX0806	600	400	AS TS0806	700	500
	800	AS xxx 0808**	AS KP0808	620	620	AS KPX0808	600	600	AS TS0808	700	700
	1000	AS xxx 0810**	AS KP0810	620	820	AS KPX0810	600	800	AS TS0810	700	900
	1200	AS xxx 0812**	AS KP0812	620	1020	AS KPX0812	600	1000	AS TS0812	700	1100
	1400	AS xxx 0814**	AS KP0814	620	1220	AS KPX0814	600	1200	AS TS0814	700	1300
	1600	AS xxx 0816**	AS KP0816	620	1420	AS KPX0816	600	1400	AS TS0816	700	1500
	1800	AS xxx 0818**	AS KP0818	620	1620	AS KPX0818	600	1600	AS TS0818	700	1700
	2000	AS xxx 0820**	AS KP0820	620	1820	AS KPX0820	600	1800	AS TS0820	700	1900
1000	600	AS xxx 1006**	AS KP1006	320 + 320	420	---	---	---	AS TS1006	900	500
	800	AS xxx 1008**	AS KP1008	320 + 320	620	---	---	---	AS TS1008	900	700
	1000	AS xxx 1010**	AS KP1010	320 + 320	820	---	---	---	AS TS1010	900	900
	1200	AS xxx 1012**	AS KP1012	320 + 320	1020	---	---	---	AS TS1012	900	1100
	1400	AS xxx 1014**	AS KP1014	320 + 320	1220	---	---	---	AS TS1014	900	1300
	1600	AS xxx 1016**	AS KP1016	320 + 320	1420	---	---	---	AS TS1016	900	1500
	1800	AS xxx 1018**	AS KP1018	320 + 320	1620	AS KPX1018	300 + 300	1600	AS TS1018	900	1700
	2000	AS xxx 1020**	AS KP1020	320 + 320	1820	AS KPX1020	300 + 300	1800	AS TS1020	900	1900
1200	600	AS xxx 1206**	AS KP1206	420 + 420	420	---	---	---	AS TS1206	1100	500
	800	AS xxx 1208**	AS KP1208	420 + 420	620	---	---	---	AS TS1208	1100	700
	1000	AS xxx 1210**	AS KP1210	420 + 420	820	---	---	---	AS TS1210	1100	900
	1200	AS xxx 1212**	AS KP1212	420 + 420	1020	---	---	---	AS TS1212	1100	1100
	1400	AS xxx 1214**	AS KP1214	420 + 420	1220	---	---	---	AS TS1214	1100	1300
	1600	AS xxx 1216**	AS KP1216	420 + 420	1420	---	---	---	AS TS1216	1100	1500
	1800	AS xxx 1218**	AS KP1218	420 + 420	1620	AS KPX1218	400 + 400	1600	AS TS1218	1100	1700
	2000	AS xxx 1220**	AS KP1220	420 + 420	1820	AS KPX1220	400 + 400	1800	AS TS1220	1100	1900
1400	600	AS xxx 1406**	AS KP1406	520 + 520	420	---	---	---	AS TS1406	1300	500
	800	AS xxx 1408**	AS KP1408	520 + 520	620	---	---	---	AS TS1408	1300	700
	1000	AS xxx 1410**	AS KP1410	520 + 520	820	---	---	---	AS TS1410	1300	900
	1200	AS xxx 1412**	AS KP1412	520 + 520	1020	---	---	---	AS TS1412	1300	1100
	1400	AS xxx 1414**	AS KP1414	520 + 520	1220	---	---	---	AS TS1414	1300	1300
	1600	AS xxx 1416**	AS KP1416	520 + 520	1420	---	---	---	AS TS1416	1300	1500
	1800	AS xxx 1418**	AS KP1418	520 + 520	1620	AS KPX1418	500 + 500	1600	AS TS1418	1300	1700
	2000	AS xxx 1420**	AS KP1420	520 + 520	1820	AS KPX1420	500 + 500	1800	AS TS1420	1300	1900

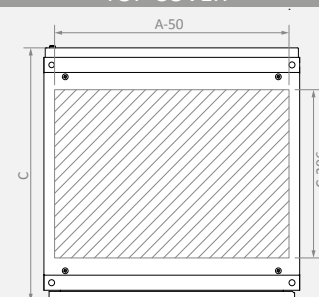


Width A mm	Depth C mm	Reference	Top Cover	Useful Area		Bottom Cover Plate	Dimensions	
				↔ mm	↕ mm		↔ mm	↕ mm
400	400	AS xxx 04**40	AS TAV04040	350	194	AS BS0440	394	340
	500	AS xxx 04**50	AS TAV04050	350	294	AS BS0450	394	440
	600	AS xxx 04**60	AS TAV04060	350	394	AS BS0460	394	540
	800	AS xxx 04**80	AS TAV04080	350	594	AS BS0480	394	740
600	400	AS xxx 06**40	AS TAV06040	550	194	AS BS0640	594	340
	500	AS xxx 06**50	AS TAV06050	550	294	AS BS0650	594	440
	600	AS xxx 06**60	AS TAV06060	550	394	AS BS0660	594	540
	800	AS xxx 06**80	AS TAV06080	550	594	AS BS0680	594	740
800	400	AS xxx 08**40	AS TAV08040	750	194	AS BS0840	794	340
	500	AS xxx 08**50	AS TAV08050	750	294	AS BS0850	794	440
	600	AS xxx 08**60	AS TAV08060	750	394	AS BS0860	794	540
	800	AS xxx 08**80	AS TAV08080	750	594	AS BS0880	794	740
1000	400	AS xxx 10**40	AS TAV10040	950	194	AS BS1040	994	340
	500	AS xxx 10**50	AS TAV10050	950	294	AS BS1050	994	440
	600	AS xxx 10**60	AS TAV10060	950	394	AS BS1060	994	540
	800	AS xxx 10**80	AS TAV10080	950	594	AS BS1080	994	740
1200	400	AS xxx 12**40	AS TAV12040	1150	194	AS BS1240	1194	340
	500	AS xxx 12**50	AS TAV12050	1150	294	AS BS1250	1194	440
	600	AS xxx 12**60	AS TAV12060	1150	394	AS BS1260	1194	540
	800	AS xxx 12**80	AS TAV12080	1150	594	AS BS1280	1194	740
1400	400	AS xxx 14**40	AS TAV14040	1350	194	AS BS1440	1394	340
	500	AS xxx 14**50	AS TAV14050	1350	294	AS BS1450	1394	440
	600	AS xxx 14**60	AS TAV14060	1350	394	AS BS1460	1394	540
	800	AS xxx 14**80	AS TAV14080	1350	594	AS BS1480	1394	740

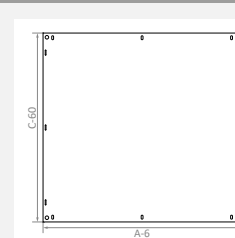
Height B mm	Depth C mm	Reference	Side Panel	Useful Area		
				D3 mm	H31 mm	H32 mm
600	400	AS xxx **0640	AS YS0640	194	340	-
	500	AS xxx **0650	AS YS0650	294	340	-
	600	AS xxx **0660	AS YS0660	394	340	-
	800	AS xxx **0680	AS YS0680	594	340	-
800	400	AS xxx **0840	AS YS0840	194	540	-
	500	AS xxx **0850	AS YS0850	294	540	-
	600	AS xxx **0860	AS YS0860	394	540	-
	800	AS xxx **0880	AS YS0880	594	540	-
1000	400	AS xxx **1040	AS YS1040	194	740	-
	500	AS xxx **1050	AS YS1050	294	740	-
	600	AS xxx **1060	AS YS1060	394	740	-
	800	AS xxx **1080	AS YS1080	594	740	-
1200	400	AS xxx **1240	AS YS1240	194	940	-
	500	AS xxx **1250	AS YS1250	294	940	-
	600	AS xxx **1260	AS YS1260	394	940	-
	800	AS xxx **1280	AS YS1280	594	940	-
1400	400	AS xxx **1440	AS YS1440	194	520	540
	500	AS xxx **1450	AS YS1450	294	520	540
	600	AS xxx **1460	AS YS1460	394	520	540
	800	AS xxx **1480	AS YS1480	594	520	540
1600	400	AS xxx **1640	AS YS1640	194	640	620
	500	AS xxx **1650	AS YS1650	294	640	620
	600	AS xxx **1660	AS YS1660	394	640	620
	800	AS xxx **1680	AS YS1680	594	640	620
1800	400	AS xxx **1840	AS YS1840	194	720	740
	500	AS xxx **1850	AS YS1850	294	720	740
	600	AS xxx **1860	AS YS1860	394	720	740
	800	AS xxx **1880	AS YS1880	594	720	740
2000	400	AS xxx **2040	AS YS2040	194	840	820
	500	AS xxx **2050	AS YS2050	294	840	820
	600	AS xxx **2060	AS YS2060	394	840	820
	800	AS xxx **2080	AS YS2080	594	840	820



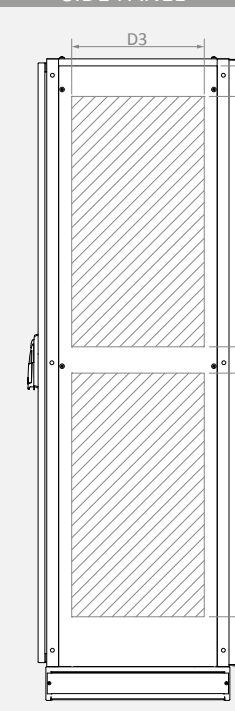
TOP COVER



BOTTOM COVER PLATE



SIDE PANEL



Characteristics

Material

Galvanized Steel (EN 10346 DX51D+Z)

■ Frame : 1.5 mm

■ Panel : 1.5 mm

■ Door : 2 mm

■ Plinth : 2 mm

■ Mounting plate : 2 mm

Surface Finishing

■ RAL7035w powder coated outer surface

IP Rating

■ IP55 (TS 3033, EN 60529)

Others

■ EMC gasketed front door and rear panel

■ EMC gasketed side panels, top cover and plinth

■ Conductive interior surface

■ Swing-handle polyamide lock (4 points locking, 333 key)

■ Concealed hinge

■ Multiple mounting plate possibility

On Request

■ Custom sizes

■ Custom colour

■ Pre-punching



Supply Includes

■ Front and rear frame

■ Door

■ Rear panel

■ Mounting plate

■ Plinth

■ Top cover

■ Side panels

■ 4/6 pcs side rails

■ Door inside mounting profile

Complementary Accessories

■ Eye bolt

■ Rain canopy

■ Door inside mounting profile

■ Short mounting plate

■ Partial mounting plate

■ Carriage depth slide and support

■ Seperating profile

■ L, U and Z profiles

■ L and Z brackets

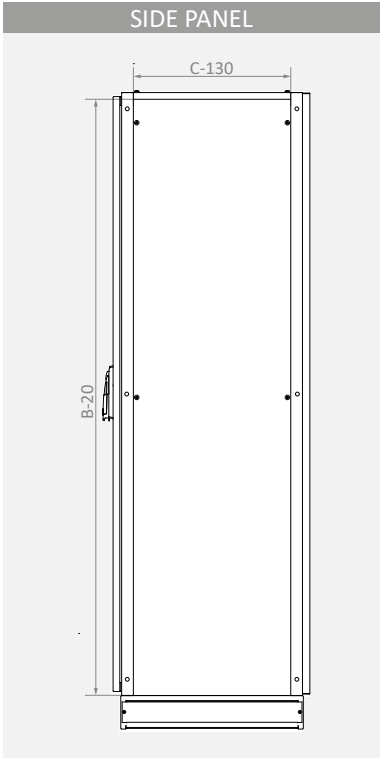
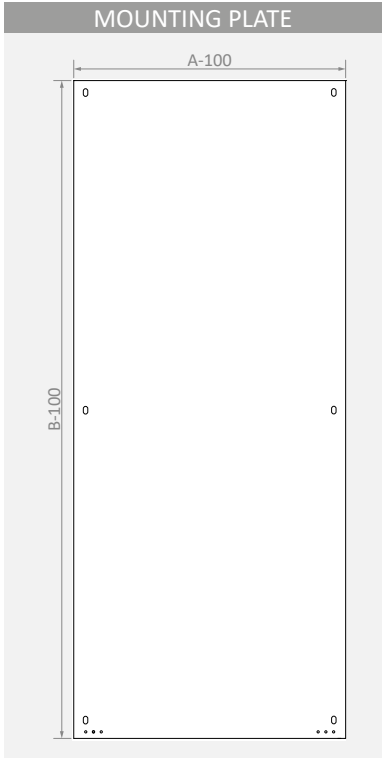
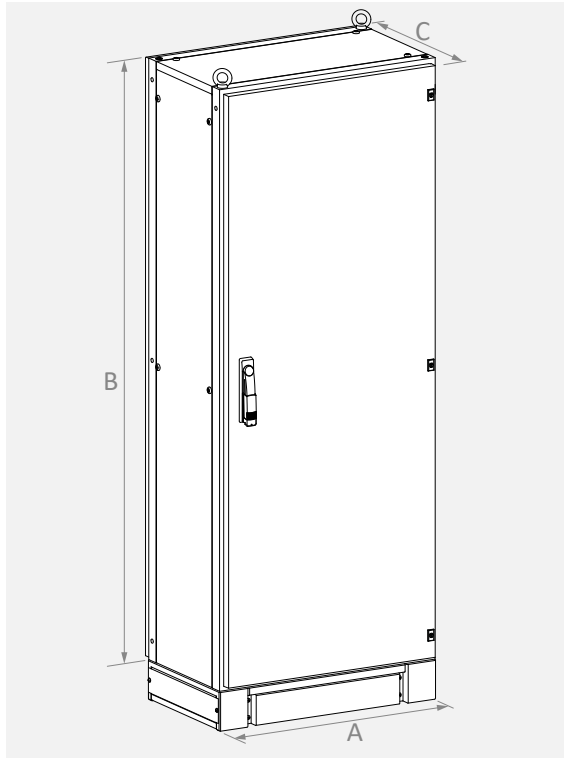
■ Busbar & depth profile

■ Ladder busbar profile

■ Plan pocket

■ Earthing cable

Width	Height	Depth	Reference	Door	Lock Type	Hinge	Side Panel		Mounting Plate		Weight
A	B	C					↔	↕	↔	↕	
mm	mm	mm		pcs		pcs	mm	mm	mm	mm	kg
400	1800	400	ASE 041840	1	I	3	270	1780	302	1702	78
		500	ASE 041850	1	I	3	370	1780	302	1702	85
		600	ASE 041860	1	I	3	470	1780	302	1702	92
		800	ASE 041880	1	I	3	670	1780	302	1702	105
	2000	400	ASE 042040	1	I	3	270	1980	302	1902	86
		500	ASE 042050	1	I	3	370	1980	302	1902	93
		600	ASE 042060	1	I	3	470	1980	302	1902	100
		800	ASE 042080	1	I	3	670	1980	302	1902	114
600	1800	400	ASE 061840	1	I	3	270	1780	502	1702	99
		500	ASE 061850	1	I	3	370	1780	502	1702	106
		600	ASE 061860	1	I	3	470	1780	502	1702	114
		800	ASE 061880	1	I	3	670	1780	502	1702	128
	2000	400	ASE 062040	1	I	3	270	1980	502	1902	108
		500	ASE 062050	1	I	3	370	1980	502	1902	116
		600	ASE 062060	1	I	3	470	1980	502	1902	123
		800	ASE 062080	1	I	3	670	1980	502	1902	139
800	1800	400	ASE 081840	1	I	3	270	1780	702	1702	120
		500	ASE 081850	1	I	3	370	1780	702	1702	127
		600	ASE 081860	1	I	3	470	1780	702	1702	135
		800	ASE 081880	1	I	3	670	1780	702	1702	151
	2000	400	ASE 082040	1	I	3	270	1980	702	1902	130
		500	ASE 082050	1	I	3	370	1980	702	1902	138
		600	ASE 082060	1	I	3	470	1980	702	1902	147
		800	ASE 082080	1	I	3	670	1980	702	1902	163



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.5 mm
 - Door : 2 mm
 - Plinth : 2 mm
- Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP65 (TS 3033, EN 60529)

Others

- All welded monobloc body
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility
- Plinth and cover options

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Glazed door



Supply Includes

- Body
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)

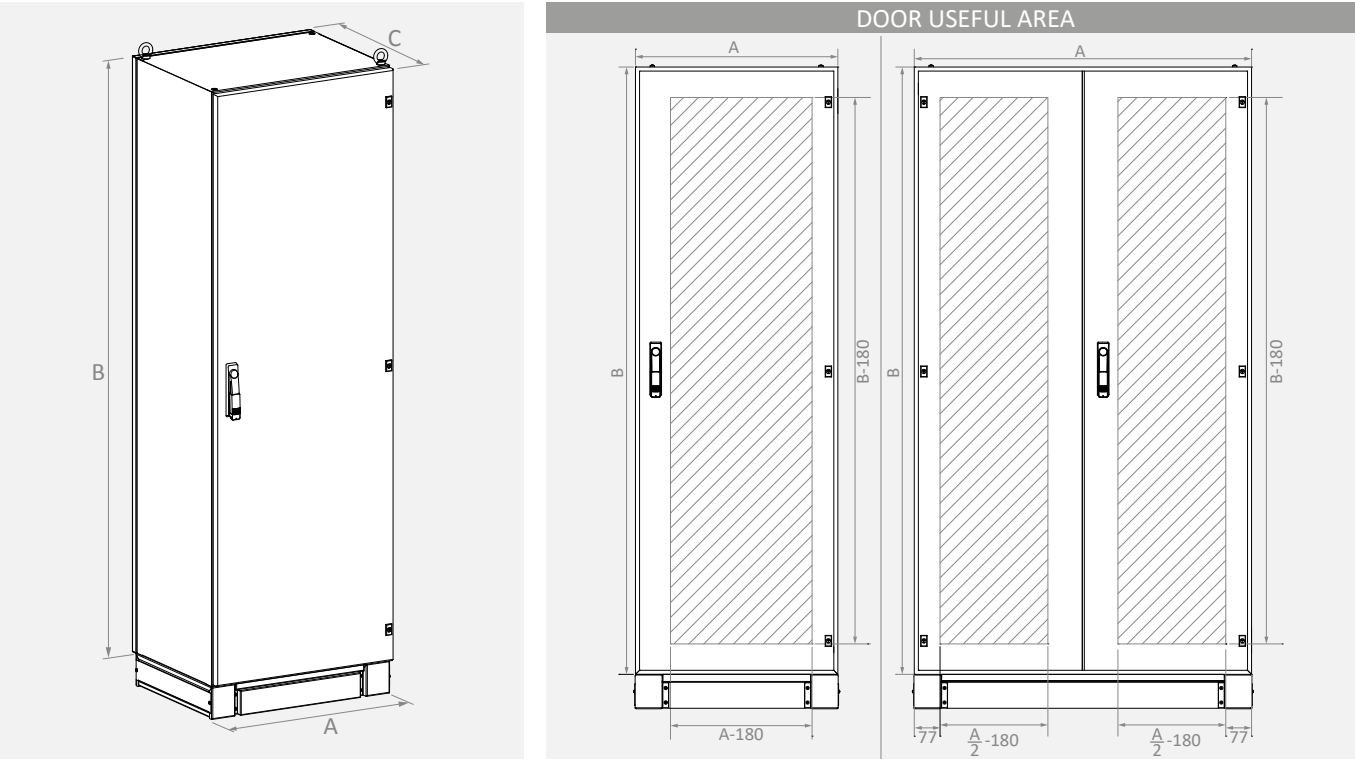
Complementary Accessories

- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- Separating profile
- L, U and Z profiles
- L and Z brackets
- Plan pocket
- Earthing cable
- 4/6 pcs side rails
- 4 pcs Z profiles

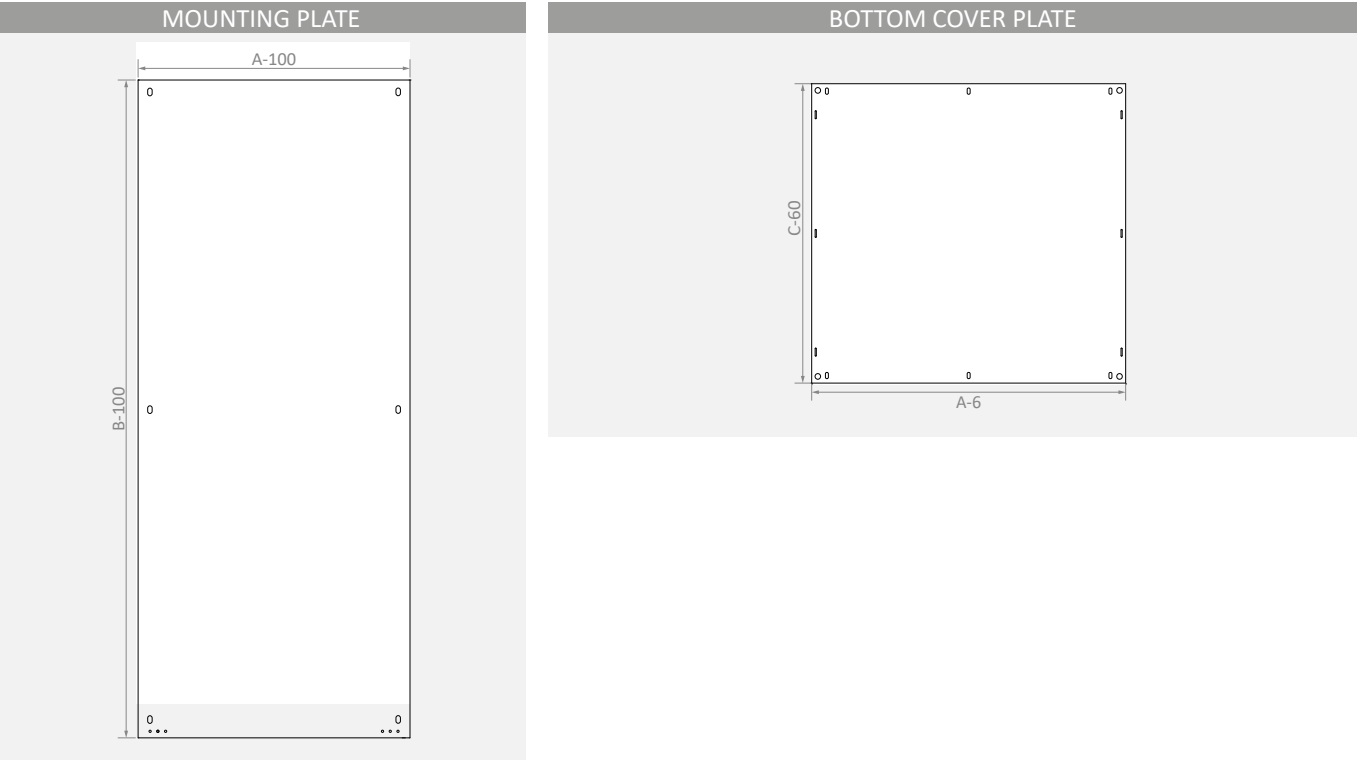
Width	Height	Depth	Reference	Door	Hinge
A	B	C			
mm	mm	mm		pcs	pcs
400	600	400	MS xxx 040640	1	2
		500	MS xxx 040650	1	2
		600	MS xxx 040660	1	2
	800	400	MS xxx 040840	1	2
		500	MS xxx 040850	1	2
		600	MS xxx 040860	1	2
	1000	400	MS xxx 041040	1	2
		500	MS xxx 041050	1	2
		600	MS xxx 041060	1	2
	1200	400	MS xxx 041240	1	2
		500	MS xxx 041250	1	2
		600	MS xxx 041260	1	2
	1400	400	MS xxx 041440	1	3
		500	MS xxx 041450	1	3
		600	MS xxx 041460	1	3
	1600	400	MS xxx 041640	1	3
		500	MS xxx 041650	1	3
		600	MS xxx 041660	1	3
	1800	400	MS xxx 041840	1	3
		500	MS xxx 041850	1	3
		600	MS xxx 041860	1	3
	2000	400	MS xxx 041880	1	3
		500	MS xxx 042040	1	3
		600	MS xxx 042050	1	3
600	600	400	MS xxx 060640	1	2
		500	MS xxx 060650	1	2
		600	MS xxx 060660	1	2
	800	400	MS xxx 060840	1	2
		500	MS xxx 060850	1	2
		600	MS xxx 060860	1	2
	1000	400	MS xxx 061040	1	2
		500	MS xxx 061050	1	2
		600	MS xxx 061060	1	2
	1200	400	MS xxx 061240	1	2
		500	MS xxx 061250	1	2
		600	MS xxx 061260	1	2
	1400	400	MS xxx 061440	1	3
		500	MS xxx 061450	1	3
		600	MS xxx 061460	1	3
	1600	400	MS xxx 061640	1	3
		500	MS xxx 061650	1	3
		600	MS xxx 061660	1	3
	1800	400	MS xxx 061840	1	3
		500	MS xxx 061850	1	3
		600	MS xxx 061860	1	3
	2000	400	MS xxx 061880	1	3
		500	MS xxx 062040	1	3
		600	MS xxx 062050	1	3
800	600	400	MS xxx 080640	1	2
		500	MS xxx 080650	1	2
		600	MS xxx 080660	1	2
	800	400	MS xxx 080840	1	2
		500	MS xxx 080850	1	2
		600	MS xxx 080860	1	2
	1000	400	MS xxx 081040	1	2
		500	MS xxx 081050	1	2
		600	MS xxx 081060	1	2
	1200	400	MS xxx 081240	1	2
		500	MS xxx 081250	1	2
		600	MS xxx 081260	1	2
	1400	400	MS xxx 081440	1	3
		500	MS xxx 081450	1	3
		600	MS xxx 081460	1	3
	1600	400	MS xxx 081640	1	3
		500	MS xxx 081650	1	3
		600	MS xxx 081660	1	3
	1800	400	MS xxx 081840	1	3
		500	MS xxx 081850	1	3
		600	MS xxx 081860	1	3
	2000	400	MS xxx 081880	1	3
		500	MS xxx 082040	1	3
		600	MS xxx 082050	1	3
1000	600	400	MS xxx 100640	1	2
		500	MS xxx 100650	1	2
		600	MS xxx 100660	1	2
	800	400	MS xxx 100840	1	2
		500	MS xxx 100850	1	2
		600	MS xxx 100860	1	2
	1000	400	MS xxx 101040	1	2
		500	MS xxx 101050	1	2
		600	MS xxx 101060	1	2
	1200	400	MS xxx 101240	1	2
		500	MS xxx 101250	1	2
		600	MS xxx 101260	1	2
	1400	400	MS xxx 101440	1	3
		500	MS xxx 101450	1	3
		600	MS xxx 101460	1	3
	1600	400	MS xxx 101640	1	3
		500	MS xxx 101650	1	3
		600	MS xxx 101660	1	3
	1800	400	MS xxx 101840	1	3
		500	MS xxx 101850	1	3
		600	MS xxx 101860	1	3
	2000	400	MS xxx 101880	1	3
		500	MS xxx 102040	1	3
		600	MS xxx 102050	1	3
1200	600	400	MS xxx 120640	1	2
		500	MS xxx 120650	1	2
		600	MS xxx 120660	1	2
	800	400	MS xxx 120840	1	2
		500	MS xxx 120850	1	2
		600	MS xxx 120860	1	2
	1000	400	MS xxx 121040	1	2
		500	MS xxx 121050	1	2
		600	MS xxx 121060	1	2
	1200	400	MS xxx 121240	1	2
		500	MS xxx 121250	1	2
		600	MS xxx 121260	1	2
	1400	400	MS xxx 121440	1	3
		500	MS xxx 121450	1	3
		600	MS xxx 121460	1	3
	1600	400	MS xxx 121640	1	3
		500	MS xxx 121650	1	3
		600	MS xxx 121660	1	3
	1800	400	MS xxx 121840	1	3
		500	MS xxx 121850	1	3
		600	MS xxx 121860	1	3
	2000	400	MS xxx 121880	1	3
		500	MS xxx 122040	1	3
		600	MS xxx 122050	1	3
1400	600	400	MS xxx 140640	1	2
		500	MS xxx 140650	1	2
		600	MS xxx 140660	1	2
	800	400	MS xxx 140840	1	2
		500	MS xxx 140850	1	2
		600	MS xxx 140860	1	2
	1000	400	MS xxx 141040	1	2
		500	MS xxx 141050	1	2
		600	MS xxx 141060	1	2
	1200	400	MS xxx 141240	1	2
		500	MS xxx 141250	1	2
		600	MS xxx 141260	1	2
	1400	400	MS xxx 141440	1	3
		500	MS xxx 141450	1	3
		600	MS xxx 141460	1	3
	1600	400	MS xxx 141640	1	3
		500	MS xxx 141650	1	3
		600	MS xxx 141660	1	3
	1800	400	MS xxx 141840	1	3
		500	MS xxx 141850	1	3
		600	MS xxx 141860	1	3
	2000	400	MS xxx 141880	1	3
		500	MS xxx 142040	1	3
		600	MS xxx 142050	1	3

Width	Height	Depth	Reference	Door	Hinge
A	B	C			
mm	mm	mm		pcs	pcs
800	600	400	MS xxx 080640	1	2
		500	MS xxx 080650	1	2
		600	MS xxx 080660	1	2
	800	400	MS xxx 080840	1	2
		500	MS xxx 080850	1	2
		600	MS xxx 080860	1	2
	1000	400	MS xxx 081040	1	2
		500	MS xxx 081050	1	2
		600	MS xxx 081060	1	2
	1200	400	MS xxx 081240	1	2
		500	MS xxx 081250	1	2
		600	MS xxx 081260	1	2
	1400	400	MS xxx 081440	1	3
		500	MS xxx 081450	1	3
		600	MS xxx 081460	1	3
	1600	400	MS xxx 081640	1	3
		500	MS xxx 081650	1	3
		600	MS xxx 081660	1	3
	1800	400	MS xxx 081840	1	3
		500	MS xxx 081850	1	3
		600	MS xxx 081860	1	3
	2000	400	MS xxx 081880	1	3
		400	MS xxx 082040	1	3
		500	MS xxx 082050	1	3
600	MS xxx 082060	1	3		
800	MS xxx 082080	1	3		
1000	1800	400	MS xxx 101840	2	3+3
		500	MS xxx 101850	2	3+3
		600	MS xxx 101860	2	3+3
	2000	800	MS xxx 101880	2	3+3
		400	MS xxx 102040	2	3+3
		500	MS xxx 102050	2	3+3
		600	MS xxx 102060	2	3+3
800	MS xxx 102080	2	3+3		
1200	1800	400	MS xxx 121840	2	3+3
		500	MS xxx 121850	2	3+3
		600	MS xxx 121860	2	3+3
	2000	800	MS xxx 121880	2	3+3
		400	MS xxx 122040	2	3+3
		500	MS xxx 122050	2	3+3
		600	MS xxx 122060	2	3+3
800	MS xxx 122080	2	3+3		
1400	1800	400	MS xxx 141840	2	3+3
		500	MS xxx 141850	2	3+3
		600	MS xxx 141860	2	3+3
	2000	800	MS xxx 141880	2	3+3
		400	MS xxx 142040	2	3+3
		500	MS xxx 142050	2	3+3
		600	MS xxx 142060	2	3+3
800	MS xxx 142080	2	3+3		

Width A	Height B	Reference	Solid Door	Useful Area		Mounting Plate	Dimensions	
				↔ mm	↕ mm		↔ mm	↕ mm
400	600	AS xxx 0406**	AS KP0406	220	420	AS TS0406	302	502
	800	AS xxx 0408**	AS KP0408	220	620	AS TS0408	302	702
	1000	AS xxx 0410**	AS KP0410	220	820	AS TS0410	302	902
	1200	AS xxx 0412**	AS KP0412	220	1020	AS TS0412	302	1102
	1400	AS xxx 0414**	AS KP0414	220	1220	AS TS0414	302	1302
	1600	AS xxx 0416**	AS KP0416	220	1420	AS TS0416	302	1502
	1800	AS xxx 0418**	AS KP0418	220	1620	AS TS0418	302	1702
	2000	AS xxx 0420**	AS KP0420	220	1820	AS TS0420	302	1902
600	600	AS xxx 0606**	AS KP0606	420	420	AS TS0606	502	502
	800	AS xxx 0608**	AS KP0608	420	620	AS TS0608	502	702
	1000	AS xxx 0610**	AS KP0610	420	820	AS TS0610	502	902
	1200	AS xxx 0612**	AS KP0612	420	1020	AS TS0612	502	1102
	1400	AS xxx 0614**	AS KP0614	420	1220	AS TS0614	502	1302
	1600	AS xxx 0616**	AS KP0616	420	1420	AS TS0616	502	1502
	1800	AS xxx 0618**	AS KP0618	420	1620	AS TS0618	502	1702
	2000	AS xxx 0620**	AS KP0620	420	1820	AS TS0620	502	1902
800	600	AS xxx 0806**	AS KP0806	620	420	AS TS0806	702	502
	800	AS xxx 0808**	AS KP0808	620	620	AS TS0808	702	702
	1000	AS xxx 0810**	AS KP0810	620	820	AS TS0810	702	902
	1200	AS xxx 0812**	AS KP0812	620	1020	AS TS0812	702	1102
	1400	AS xxx 0814**	AS KP0814	620	1220	AS TS0814	702	1302
	1600	AS xxx 0816**	AS KP0816	620	1420	AS TS0816	702	1502
	1800	AS xxx 0818**	AS KP0818	620	1620	AS TS0818	702	1702
	2000	AS xxx 0820**	AS KP0820	620	1820	AS TS0820	702	1902
1000	1800	AS xxx 1018**	AS KP1018	320 + 320	1620	AS TS1018	902	1702
	2000	AS xxx 1020**	AS KP1020	320 + 320	1820	AS TS1020	902	1902
1200	1800	AS xxx 1218**	AS KP1218	420 + 420	1620	AS TS1218	1102	1702
	2000	AS xxx 1220**	AS KP1220	420 + 420	1820	AS TS1220	1102	1902
1400	1800	AS xxx 1418**	AS KP1418	520 + 520	1620	AS TS1418	1302	1702
	2000	AS xxx 1420**	AS KP1420	520 + 520	1820	AS TS1420	1302	1902



Width A	Depth C	Reference	Bottom Cover Plate	Dimensions	
				↔ mm	↗ mm
400	400	AS xxx 04**40	AS BS0440	394	340
	500	AS xxx 04**50	AS BS0450	394	440
	600	AS xxx 04**60	AS BS0460	394	540
	800	AS xxx 04**80	AS BS0480	394	740
600	400	AS xxx 06**40	AS BS0640	594	340
	500	AS xxx 06**50	AS BS0650	594	440
	600	AS xxx 06**60	AS BS0660	594	540
	800	AS xxx 06**80	AS BS0680	594	740
800	400	AS xxx 08**40	AS BS0840	794	340
	500	AS xxx 08**50	AS BS0850	794	440
	600	AS xxx 08**60	AS BS0860	794	540
	800	AS xxx 08**80	AS BS0880	794	740
1000	400	AS xxx 10**40	AS BS1040	994	340
	500	AS xxx 10**50	AS BS1050	994	440
	600	AS xxx 10**60	AS BS1060	994	540
	800	AS xxx 10**80	AS BS1080	994	740
1200	400	AS xxx 12**40	AS BS1240	1194	340
	500	AS xxx 12**50	AS BS1250	1194	440
	600	AS xxx 12**60	AS BS1260	1194	540
	800	AS xxx 12**80	AS BS1280	1194	740
1400	400	AS xxx 14**40	AS BS1440	1394	340
	500	AS xxx 14**50	AS BS1450	1394	440
	600	AS xxx 14**60	AS BS1460	1394	540
	800	AS xxx 14**80	AS BS1480	1394	740



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

- Mounting plate : 2 mm

Surface Finishing

RAL7035w powder coating

IP Rating

IP66 (TS 3033, EN 60529)

Others

- All welded monobloc body
- Removable strut to ensure IP rating
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (4 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility
- Plinth

On Request

- Custom sizes
- Custom colour
- Pre-punching



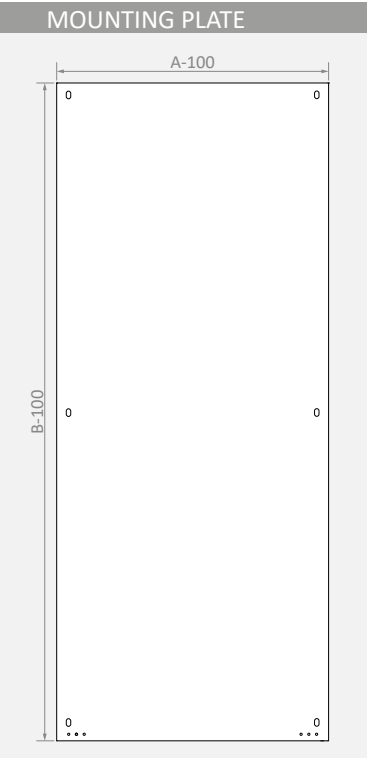
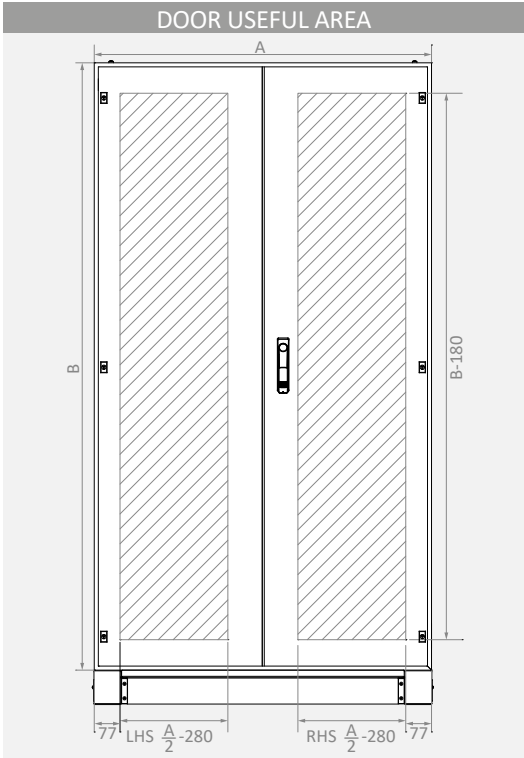
Supply Includes

- Body
- Doors
- Rear panel
- Mounting plate
- Plinth

Complementary Accessories

- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- 4/6 pcs side rails
- 4 pcs Z profiles
- L, U and Z profiles
- L and Z brackets
- Plan pocket
- Earthing cable

Width	Height	Depth	Reference	Door LHS (BIN)				Door RHS (ISP)				Rear Panel		Mounting Plate	
				Width	Hinge	Door Useful Area		Width	Hinge	Door Useful Area		↔	↑↓	↔	↑↓
				A	pcs	↔	↑↓	A	pcs	↔	↑↓				
mm	mm	mm		mm		mm	mm	mm		mm	mm	mm	mm	mm	mm
1000	1800	400	MSD xxx 101840	500	3	220	1620	500	3	220	1620	1000	1800	900	1700
		500	MSD xxx 101850	500	3	220	1620	500	3	220	1620	1000	1800	900	1700
		600	MSD xxx 101860	500	3	220	1620	500	3	220	1620	1000	1800	900	1700
		800	MSD xxx 101880	500	3	220	1620	500	3	220	1620	1000	1800	900	1700
	2000	400	MSD xxx 102040	500	3	220	1820	500	3	220	1820	1000	2000	900	1900
		500	MSD xxx 102050	500	3	220	1820	500	3	220	1820	1000	2000	900	1900
		600	MSD xxx 102060	500	3	220	1820	500	3	220	1820	1000	2000	900	1900
		800	MSD xxx 102080	500	3	220	1820	500	3	220	1820	1000	2000	900	1900
1200	1800	400	MSD xxx 121840	600	3	320	1620	600	3	320	1620	1200	1800	1100	1700
		500	MSD xxx 121850	600	3	320	1620	600	3	320	1620	1200	1800	1100	1700
		600	MSD xxx 121860	600	3	320	1620	600	3	320	1620	1200	1800	1100	1700
		800	MSD xxx 121880	600	3	320	1620	600	3	320	1620	1200	1800	1100	1700
	2000	400	MSD xxx 122040	600	3	320	1820	600	3	320	1820	1200	2000	1100	1900
		500	MSD xxx 122050	600	3	320	1820	600	3	320	1820	1200	2000	1100	1900
		600	MSD xxx 122060	600	3	320	1820	600	3	320	1820	1200	2000	1100	1900
		800	MSD xxx 122080	600	3	320	1820	600	3	320	1820	1200	2000	1100	1900
1400	1800	400	MSD xxx 141840	600	3	320	1620	800	3	520	1620	600+800	1800	1300	600+1100
		500	MSD xxx 141850	600	3	320	1620	800	3	520	1620	600+800	1800	1300	600+1100
		600	MSD xxx 141860	600	3	320	1620	800	3	520	1620	600+800	1800	1300	600+1100
		800	MSD xxx 141880	600	3	320	1620	800	3	520	1620	600+800	1800	1300	600+1100
	2000	400	MSD xxx 142040	600	3	320	1820	800	3	520	1820	600+800	2000	1300	800+1100
		500	MSD xxx 142050	600	3	320	1820	800	3	520	1820	600+800	2000	1300	800+1100
		600	MSD xxx 142060	600	3	320	1820	800	3	520	1820	600+800	2000	1300	800+1100
		800	MSD xxx 142080	600	3	320	1820	800	3	520	1820	600+800	2000	1300	800+1100



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Frame : 1.5 mm
- Panel : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

- Mounting plate : 2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Door and panel options for rear side
- Multiple mounting plate possibility
- Plinth and cover options

On Request

- Custom sizes
- Custom colour
- Pre-punching



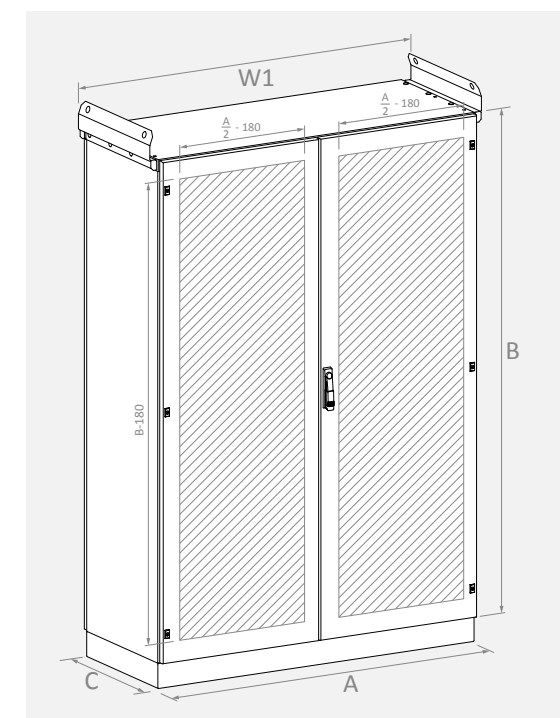
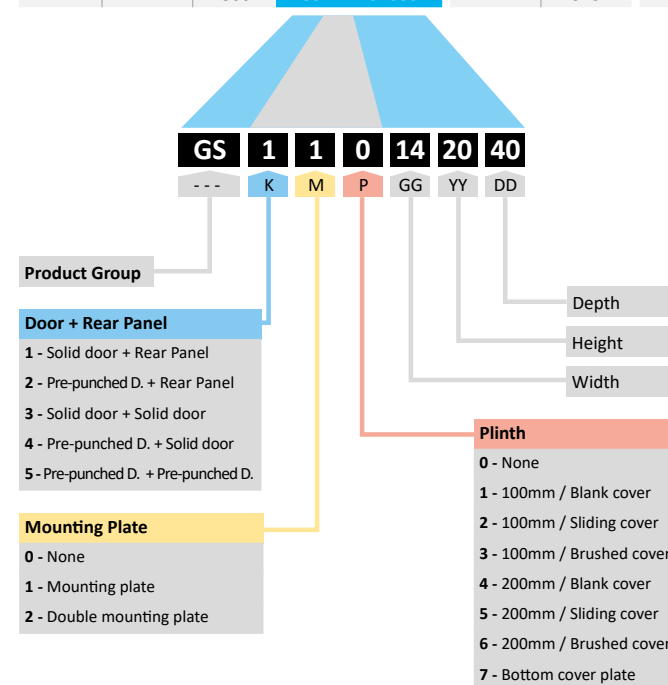
Supply Includes

- Body
- Door (Select ≈ **K**)
- Rear panel (Select ≈ **K**)
- Mounting plate (Option ≈ **M**)
- Plinth (Option ≈ **P**)
- 8 pcs side rails
- Lifting profile

Complementary Accessories

- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Plan pocket
- Earthing cable

Width A	Height B	Depth C	Reference	Door pcs	Hinge pcs	External width W1 mm	Useful Area			
							Door		Rear Panel	
mm	mm	mm					↔ mm	↕ mm	↔ mm	↕ mm
1400	1800	400	GS xxx 141840	2	3+3	1475	520 + 520	1620	600 + 600	1700
		500	GS xxx 141850	2	3+3	1475	520 + 520	1620	600 + 600	1700
		600	GS xxx 141860	2	3+3	1475	520 + 520	1620	600 + 600	1700
		800	GS xxx 141880	2	3+3	1475	520 + 520	1620	600 + 600	1700
	2000	400	GS xxx 142040	2	3+3	1475	520 + 520	1820	600 + 600	1900
		500	GS xxx 142050	2	3+3	1475	520 + 520	1820	600 + 600	1900
		600	GS xxx 142060	2	3+3	1475	520 + 520	1820	600 + 600	1900
		800	GS xxx 142080	2	3+3	1475	520 + 520	1820	600 + 600	1900
1600	1800	400	GS xxx 161840	2	3+3	1675	620 + 620	1620	700 + 700	1700
		500	GS xxx 161850	2	3+3	1675	620 + 620	1620	700 + 700	1700
		600	GS xxx 161860	2	3+3	1675	620 + 620	1620	700 + 700	1700
		800	GS xxx 161880	2	3+3	1675	620 + 620	1620	700 + 700	1700
	2000	400	GS xxx 162040	2	3+3	1675	620 + 620	1820	700 + 700	1900
		500	GS xxx 162050	2	3+3	1675	620 + 620	1820	700 + 700	1900
		600	GS xxx 162060	2	3+3	1675	620 + 620	1820	700 + 700	1900
		800	GS xxx 162080	2	3+3	1675	620 + 620	1820	700 + 700	1900



Width A	Height B	Depth C	Reference	Mounting Plate 1		Mounting Plate 2	
mm	mm	mm		↔ mm	↕ mm	↔ mm	↕ mm
1400	1800	400	GS xxx 141840	1300	1100	1300	600
		500	GS xxx 141850	1300	1100	1300	600
		600	GS xxx 141860	1300	1100	1300	600
		800	GS xxx 141880	1300	1100	1300	600
	2000	400	GS xxx 142040	1300	1100	1300	800
		500	GS xxx 142050	1300	1100	1300	800
		600	GS xxx 142060	1300	1100	1300	800
		800	GS xxx 142080	1300	1100	1300	800
1600	1800	400	GS xxx 161840	1500	1100	1500	600
		500	GS xxx 161850	1500	1100	1500	600
		600	GS xxx 161860	1500	1100	1500	600
		800	GS xxx 161880	1500	1100	1500	600
	2000	400	GS xxx 162040	1500	1100	1500	800
		500	GS xxx 162050	1500	1100	1500	800
		600	GS xxx 162060	1500	1100	1500	800
		800	GS xxx 162080	1500	1100	1500	800

Characteristics

Material

- Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm
- Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP65 (TS 3033, EN 60529)

Others

- Welded frame construction
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Plinth and cover options



On Request

- Custom sizes
- Custom colour
- Pre-punching
- Special mounting plate

Supply Includes

- Body
- Door and rear panel
- Mounting plate
- Plinth
- 4/6 pcs side rails
- Rain canopy

Complementary Accessories

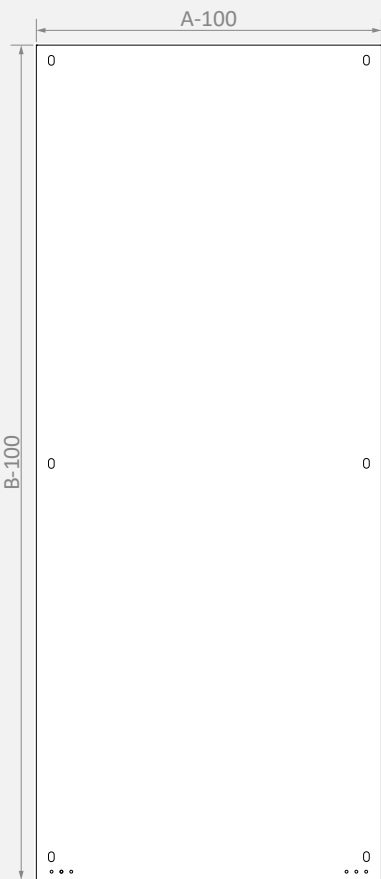
- Side rail
- Short mounting plate
- Partial mounting plate
- Carriage depth slide and support
- Z profile
- Busbar & depth profile
- Ladder busbar profile
- Door inside mounting profile
- Partition profile
- Eye bolt



Width	Height	Depth	Reference	Door	Hinge	Mounting Plate Dimensions	
A	B	C				↔	↕
mm	mm	mm		pcs	pcs	mm	mm
600	1200	600	CC 061260	1	3	500	1100
	1600	600	CC 061660	1	3	500	1500
800	1200	600	CC 081260	1	3	700	1100
	1600	600	CC 081660	1	3	700	1500



MOUNTING PLATE



Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

Body : 1.2 mm

Lid : 1.2 mm

Surface Finishing

Scotch-brite brushed

IP Rating

IP55 (TS 3033, EN 60529)

Others

All welded construction

Screwed plain lid

One piece EPDM lid gasket

Ready for DIN rail fixing

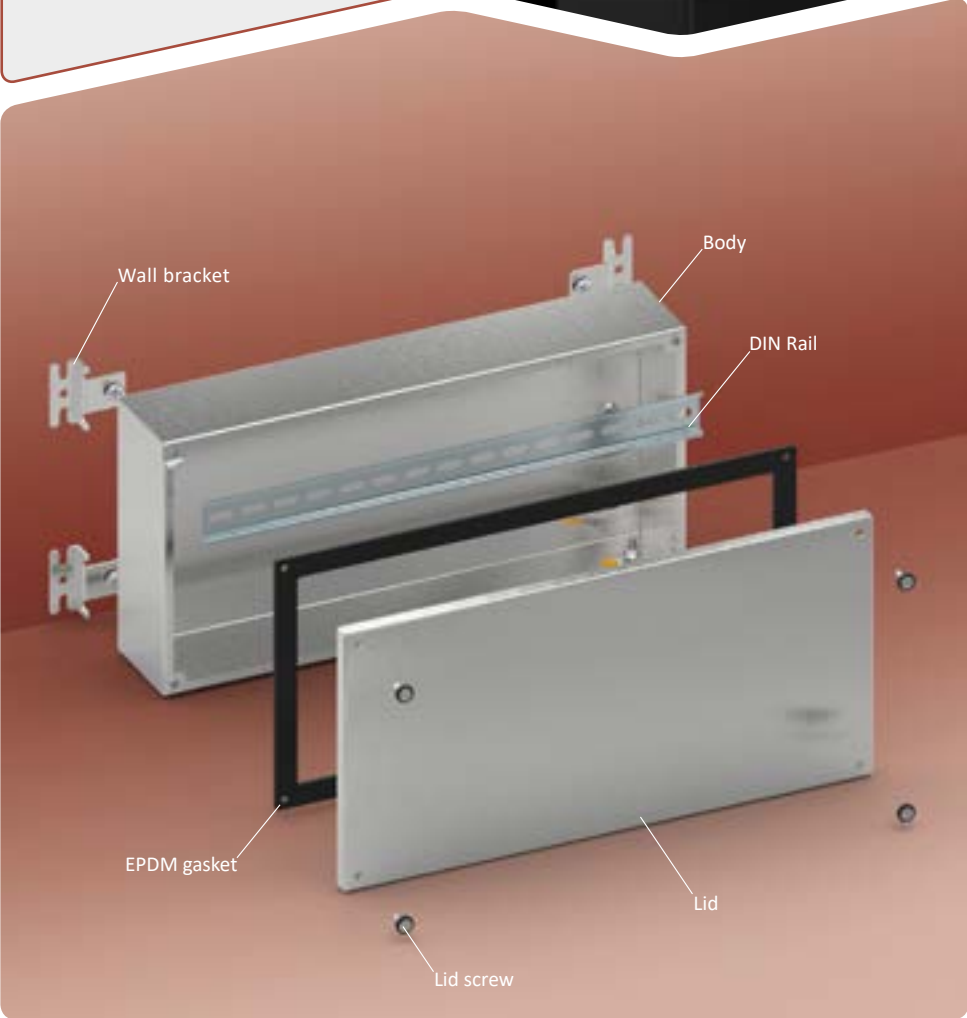


On Request

Custom sizes

Pre-punching

316L Grade SS



Supply Includes

Body

Lid

Lid gasket

Lid screws

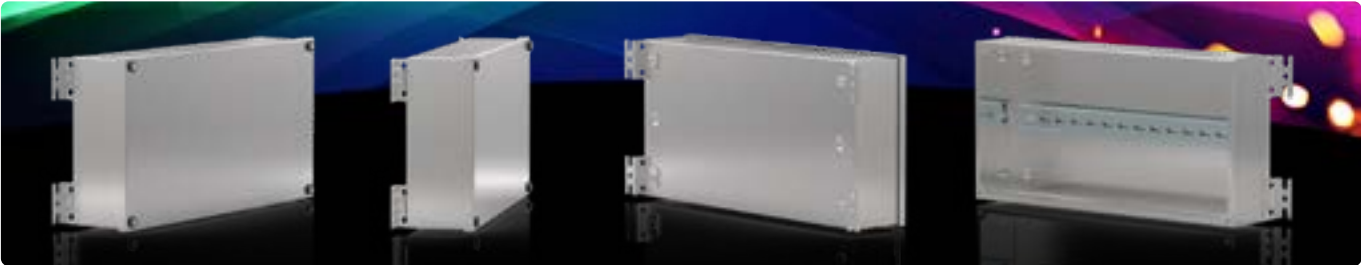
Complementary Accessories

DIN rail

Wall bracket 2/4

Earthing cable

Width	Height	Depth	Reference	Useful Area			Wall Mounting						DIN Rail Fixing	Weight
A	B	C		Lid		Side	With Bracket				Internal			
							Side		Up/Down					
mm	mm	mm		↔	↕	↗	↔	↕	↔	↕	↔	↕	↔	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
80	160	60	SSJB 081606	45	125	44	---	118	---	184	---	118	30	0.6
100	100	60	SSJB 101006	65	65	44	---	58	---	124	---	58	50	0.6
120	120	60	SSJB 121206	85	85	44	---	78	---	144	---	78	70	0.7
160	160	80	SSJB 161608	125	125	64	---	118	---	184	---	118	110	1.4
200	200	80	SSJB 202008	165	165	64	---	158	---	224	---	158	150	1.9
300	200	100	SSJB 302010	265	165	84	324	158	258	224	258	158	250	2.4
	300	100	SSJB 303010	265	265	84	324	258	258	324	258	258	2 x 250	3.2
400	200	100	SSJB 402010	365	165	84	424	158	358	224	358	158	350	2.8



LID USEFUL AREA

Diagram showing lid dimensions A-35 and B-35.

WALL MOUNTING

Diagram showing wall mounting dimensions: A+24, A-42, B+24, B-42.

DEPTH DIMENSIONS

Diagram showing depth dimensions: C-16 and 13.

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

Body : 1.2 mm

Door : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)

Mounting plate : 1.5 - 2 mm

Surface Finishing

Scotch-brite brushed

IP Rating

IP66 (TS 3033, EN 60529)

Others

All welded construction

Solid / glazed door

Foamed-in door PU sealing gasket

135° concealed hinges

5mm Double-bit insert chrome coated zamak lock

Bottom gland plate

One piece PE gasket for gland plate

On Request

Custom sizes

Pre-punching

316L Grade SS

Special mounting plate



Supply Includes

Body

Door (Select ≈ K)

Mounting plate (Option ≈ M)

Gland plate with gasket

4/6 pcs wall brackets

Complementary Accessories

Rain canopy

Support base

DIN rail

Door inside mounting profile

Pole fitting set

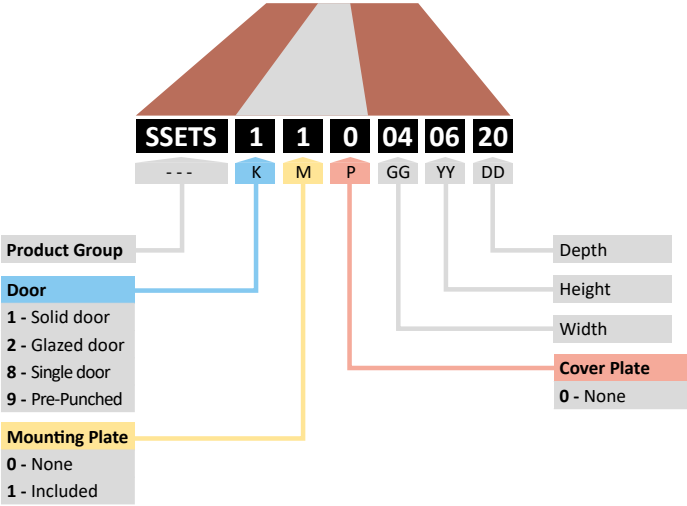
Plastic cover plate

Special locks and keys

Earthing cable

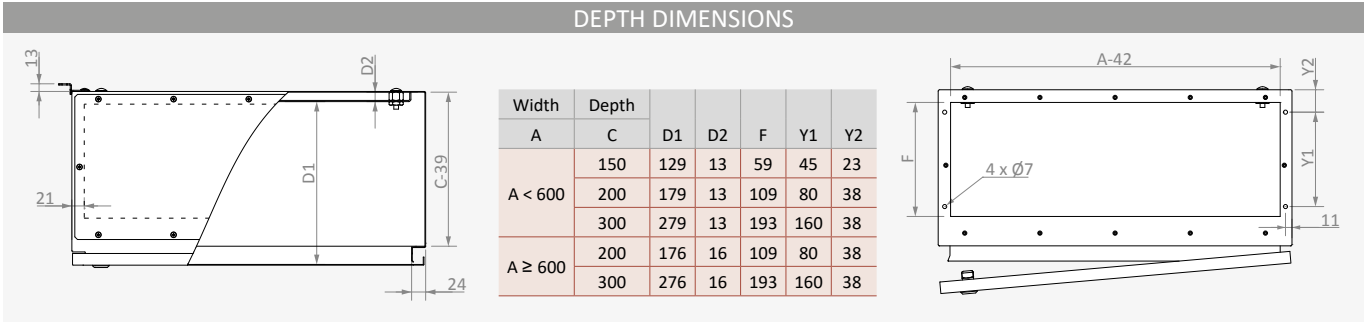
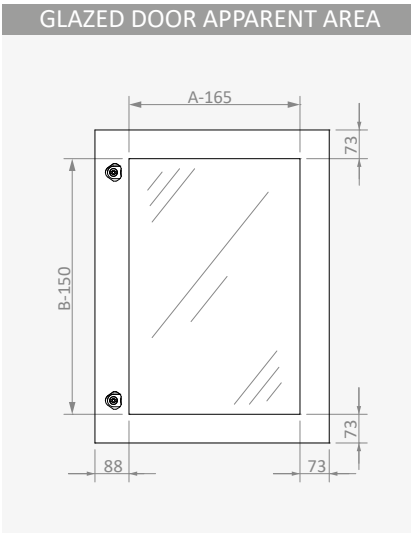
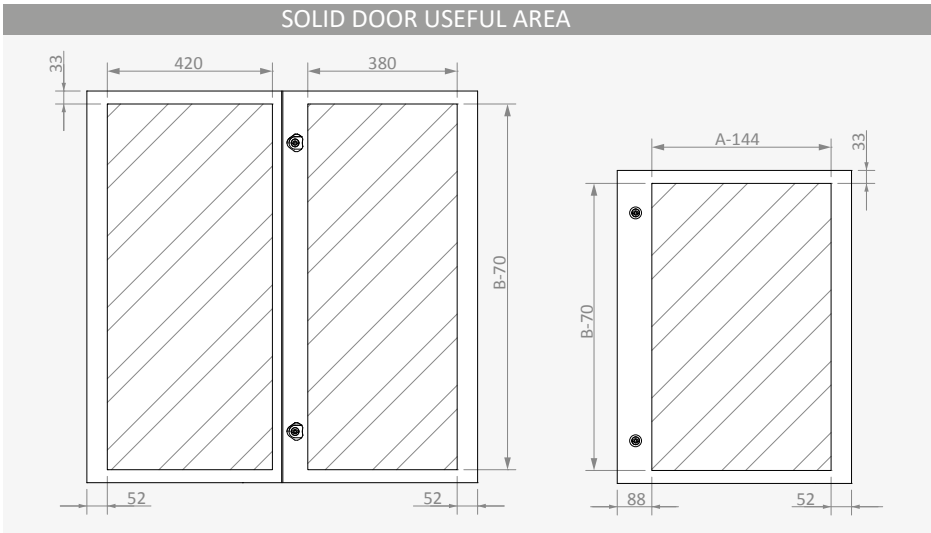
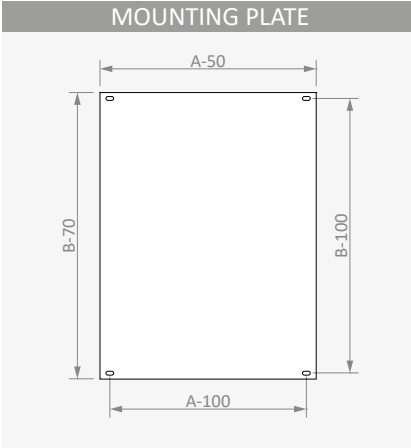
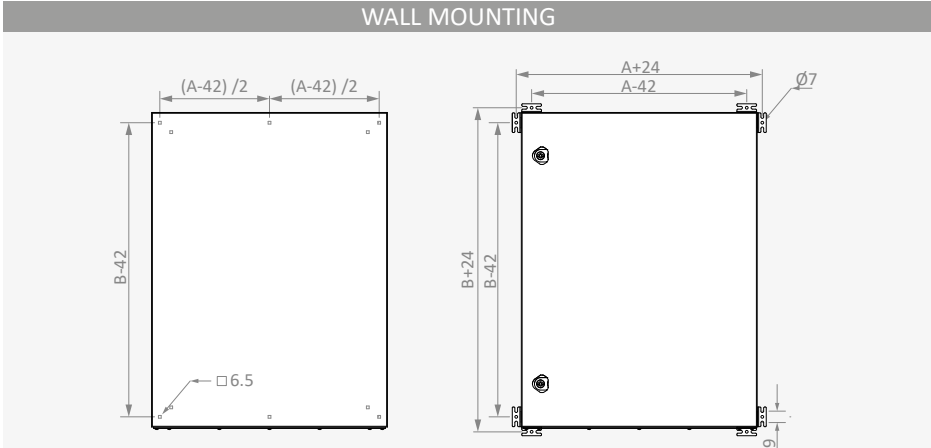
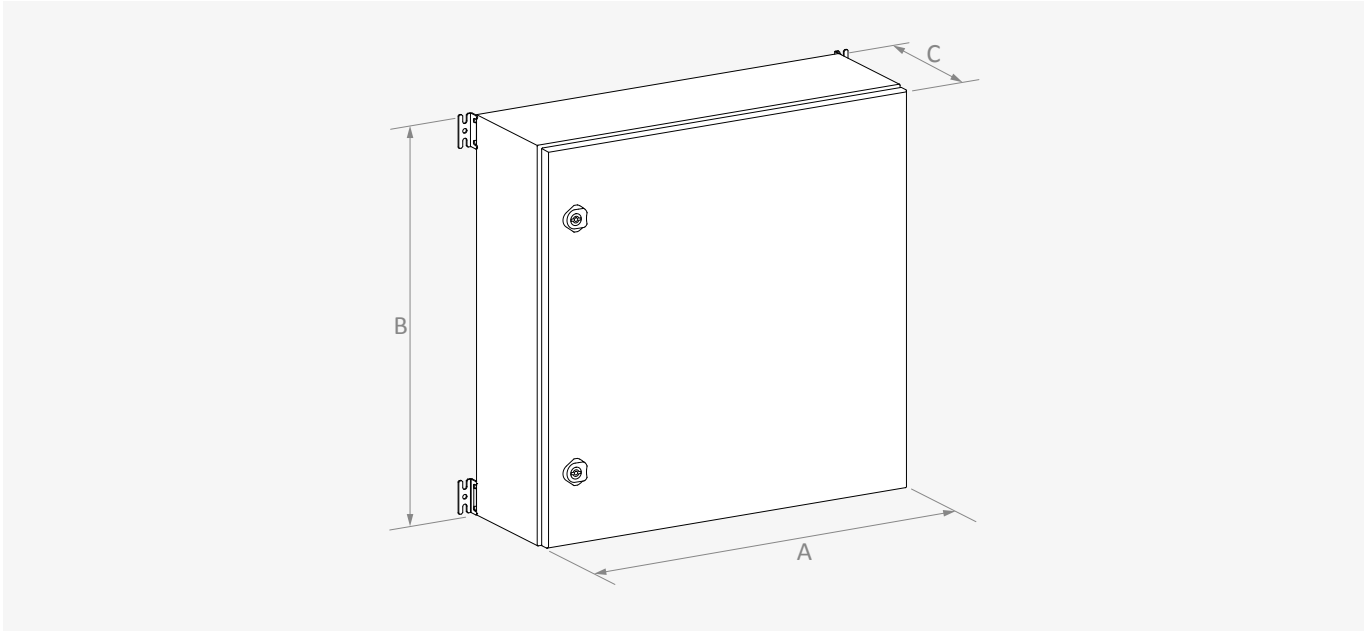
Width	Height	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Weight	Application Options		
				pcs	*	pcs	pcs	pcs	**	Glazed Door	Rain Canopy	Support Base
A	B	C							kg	Y / N	Y / N	Y / N
mm	mm	mm										
300	300	150	SSETS xxx 030315	1	C	1	2	4	6.5	✓	✓	✓
	400	150	SSETS xxx 030415	1	C	1	2	4	8.2	✓	✓	✓
		200	SSETS xxx 030420	1	C	1	2	4	9.0	✓	✓	✓
		500	SSETS xxx 030520	1	C	1	2	4	10.9	✓	✓	✓
400	400	200	SSETS xxx 040420	1	C	1	2	4	11.2	✓	✓	✓
	500	200	SSETS xxx 040520	1	C	1	2	4	13.4	✓	✓	✓
		200	SSETS xxx 040620	1	C	2	2	4	14.8	✓	✓	✓
		300	SSETS xxx 040630	1	C	2	2	4	16.7	✓	✓	✓
500	500	200	SSETS xxx 050520	1	C	1	2	4	16.0	✓	✓	✓
	700	200	SSETS xxx 050720	1	C	2	3	4	21.2	✓	✓	✓
		300	SSETS xxx 050730	1	C	2	3	4	22.9	✓	✓	✓
		300	SSETS xxx 050730	1	C	2	3	4	22.9	✓	✓	✓
600	600	200	SSETS xxx 060620	1	C	2	2	4	22.1	✓	✓	✓
	800	200	SSETS xxx 060820	1	C	2	3	4	28.0	✓	✓	✓
		300	SSETS xxx 060830	1	C	2	3	4	29.5	✓	✓	✓
		1000	SSETS xxx 061030	1	C	2	3	4	38.5	✓	✓	✓
800	800	300	SSETS xxx 080830	1	C	2	3	4	39	✓	✓	✓
	1000	300	SSETS xxx 081030	1	C	2	4	4	49.5	✓	✓	✓
	1200	300	SSETS xxx 081230	1	C	2	4	4	63	✓	✓	✓
1000	1000	300	SSETS xxx 101030	2	C	2	4+4	6	64	✓	✓	✓

* C: Quarter Turn I: Rod-latch
** For SSETS 110 GG YY DD



Width	Height	Depth		Solid Door	Glazed Door
A	B	C	Door	Mounting Plate	Mounting Plate
mm	mm	mm	pcs	-- --	-- --
300	300	150	1	SSETS 110 030315	SSETS 210 030315
	400	150	1	SSETS 110 030415	SSETS 210 030415
		200	1	SSETS 110 030420	SSETS 210 030420
	500	200	1	SSETS 110 030520	SSETS 210 030520
400	400	200	1	SSETS 110 040420	SSETS 210 040420
	500	200	1	SSETS 110 040520	SSETS 210 040520
	600	200	1	SSETS 110 040620	SSETS 210 040620
		300	1	SSETS 110 040630	SSETS 210 040630
500	500	200	1	SSETS 110 050520	SSETS 210 050520
	700	200	1	SSETS 110 050720	SSETS 210 050720
		300	1	SSETS 110 050730	SSETS 210 050730
600	600	200	1	SSETS 110 060620	SSETS 210 060620
	800	200	1	SSETS 110 060820	SSETS 210 060820
		300	1	SSETS 110 060830	SSETS 210 060830
	1000	300	1	SSETS 110 061030	SSETS 210 061030
800	800	300	1	SSETS 110 080830	SSETS 210 080830
	1000	300	1	SSETS 110 081030	SSETS 210 081030
	1200	300	1	SSETS 110 081230	SSETS 210 081230
1000	1000	300	2	SSETS 110 101030	-- --

Width	Height	Depth		Pre-Punched Door	Solid Door
A	B	C	Door	Mounting Plate	-- --
mm	mm	mm	pcs	-- --	-- --
300	300	150	1	SSETS 910 030315	SSETS 100 030315
	400	150	1	SSETS 910 030415	SSETS 100 030415
		200	1	SSETS 910 030420	SSETS 100 030420
	500	200	1	SSETS 910 030520	SSETS 100 030520
400	400	200	1	SSETS 910 040420	SSETS 100 040420
	500	200	1	SSETS 910 040520	SSETS 100 040520
	600	200	1	SSETS 910 040620	SSETS 100 040620
		300	1	SSETS 910 040630	SSETS 100 040630
500	500	200	1	SSETS 910 050520	SSETS 100 050520
	700	200	1	SSETS 910 050720	SSETS 100 050720
		300	1	SSETS 910 050730	SSETS 100 050730
600	600	200	1	SSETS 910 060620	SSETS 100 060620
	800	200	1	SSETS 910 060820	SSETS 100 060820
		300	1	SSETS 910 060830	SSETS 100 060830
	1000	300	1	SSETS 910 061030	SSETS 100 061030
800	800	300	1	SSETS 910 080830	SSETS 100 080830
	1000	300	1	SSETS 910 081030	SSETS 100 081030
	1200	300	1	SSETS 910 081230	SSETS 100 081230
1000	1000	300	2	SSETS 910 101030	SSETS 100 101030



Width A	Height B	Depth C	Reference	Useful Area			Glazed Door Apparent Area		Gland Plate			Wall Mounting						Mounting Plate	
				Door		Side	↔		↔		#	↔		With Bracket		Internal		↔	
				↔	↕	↗	↔	↕	↔	↕	pcs	↔	↕	↔	↕	↔	↕	↔	↕
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm
300	300	150	SSETS xxx 030315	156	230	127	135	150	1	260	60	324	258	258	324	258	258	250	230
	400	150	SSETS xxx 030415	156	330	127	135	250	1	260	60	324	358	258	424	258	358	250	330
	200		SSETS xxx 030420	156	330	177	135	250	1	260	110	324	358	258	424	258	358	250	330
	500	200	SSETS xxx 030520	156	430	177	135	350	1	260	110	324	458	258	524	258	458	250	430
400	400	200	SSETS xxx 040420	256	330	177	235	250	1	360	110	424	358	358	424	358	358	350	330
	500	200	SSETS xxx 040520	256	430	177	235	350	1	360	110	424	458	358	524	358	458	350	430
	200		SSETS xxx 040620	256	530	177	235	450	1	360	110	424	558	358	624	358	558	350	530
	600	300	SSETS xxx 040630	256	530	277	235	450	1	360	210	424	558	358	624	358	558	350	530
500	500	200	SSETS xxx 050520	356	430	177	335	350	1	460	110	524	458	458	524	458	458	450	430
	700	200	SSETS xxx 050720	356	630	177	335	550	1	460	110	524	658	458	724	458	658	450	630
	300		SSETS xxx 050730	356	630	277	335	550	1	460	210	524	658	458	724	458	658	450	630
600	600	200	SSETS xxx 060620	456	530	177	435	450	1	560	110	624	558	558	624	558	558	550	530
	800	200	SSETS xxx 060820	456	730	177	435	650	1	560	110	624	758	558	824	558	758	550	730
	300		SSETS xxx 06 0830	456	730	277	435	650	1	560	210	624	758	558	824	558	758	550	730
	1000	300	SSETS xxx 061030	456	950	277	435	850	1	560	210	624	958	558	1024	558	958	550	930
800	800	300	SSETS xxx 080830	656	730	277	635	650	1	760	210	824	758	758	824	758	758	750	730
	1000	300	SSETS xxx 081030	656	930	277	635	850	1	760	210	824	958	758	1024	758	958	750	930
	1200	300	SSETS xxx 081230	656	1130	277	635	1150	1	760	210	824	1158	758	1224	758	1158	750	1130
1000	1000	300	SSETS xxx 101030	420+380	930	277	--	--	1	960	210	1024	958	958	1024	958	958	950	930

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

- Frame : 1.5 mm
- Panel : 1.2 mm
- Door : 1.5 mm
- Plinth : 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)

- Mounting plate : 2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- Welded frame construction
- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Door and panel options for rear side
- Multiple mounting plate possibility
- The modular construction can be join
- Removable side panels
- Plinth and cover options

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Flat pack options
- 316L Grade SS



Supply Includes

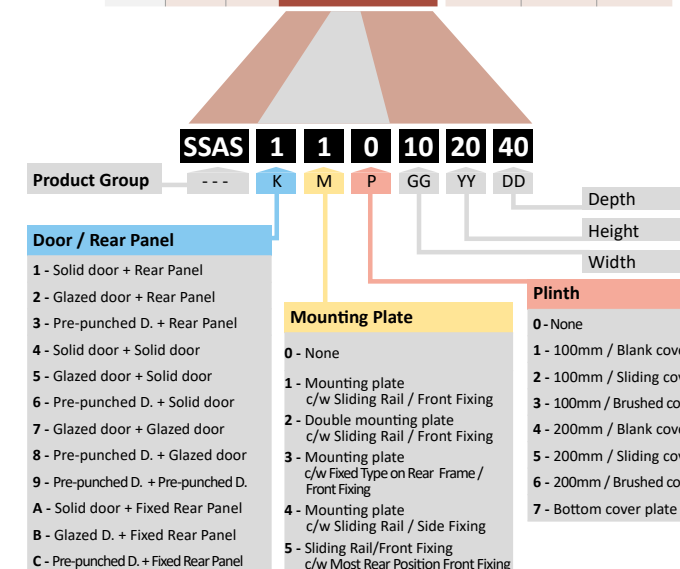
- Front and rear frame
- Door (Select ≈ **K**)
- Rear panel (Select ≈ **K**)
- Mounting plate (Option ≈ **M**)
- Plinth (Option ≈ **P**)
- Top cover
- 4/6 pcs side rails

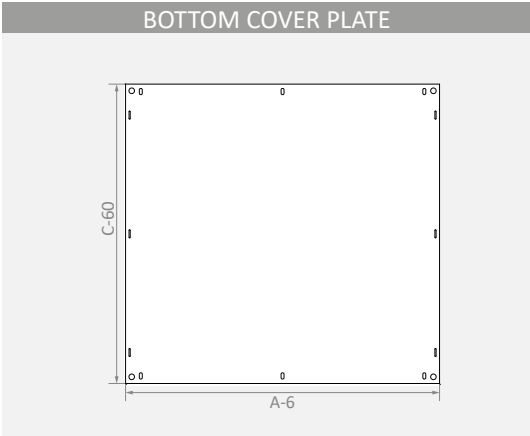
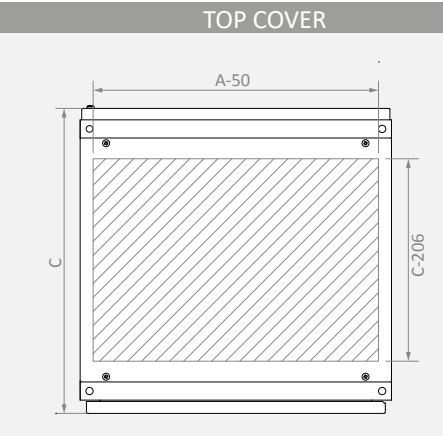
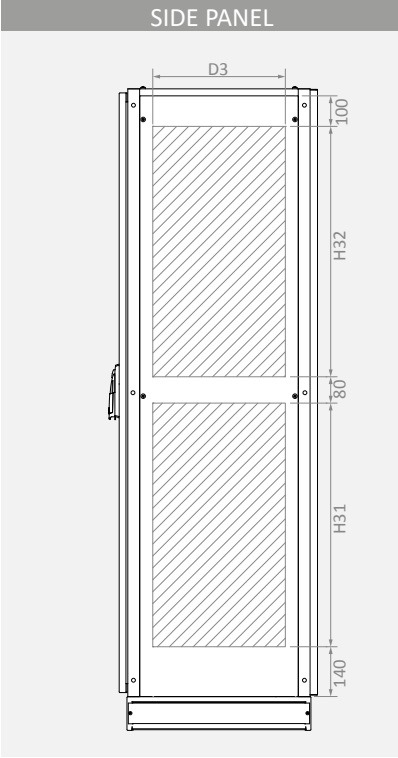
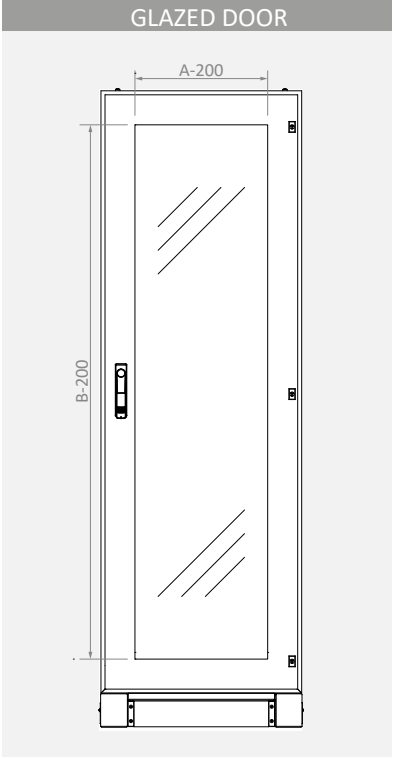
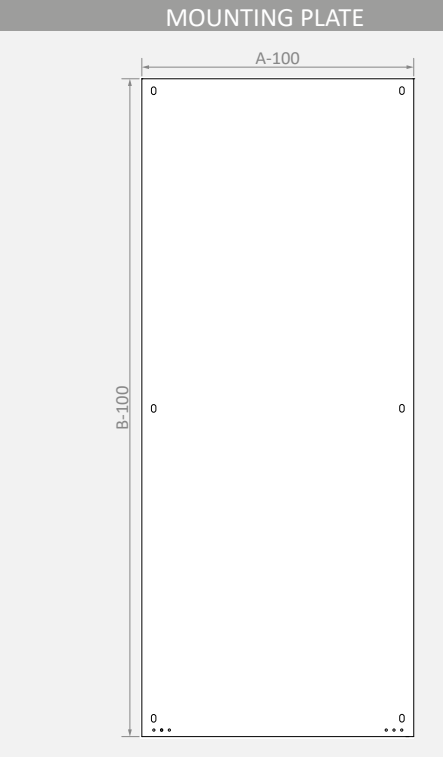
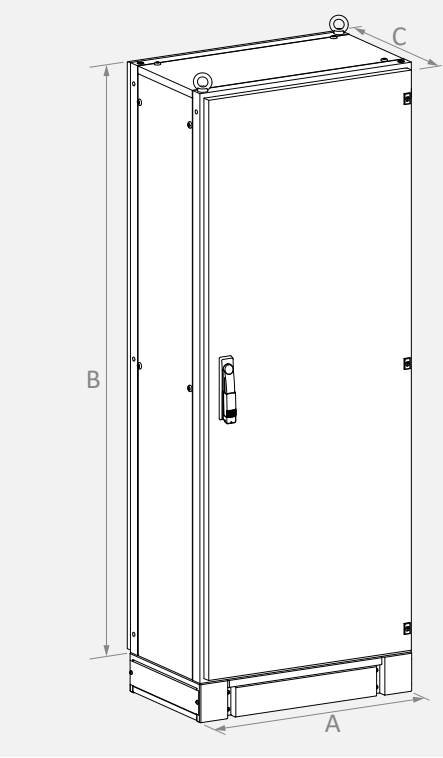
Complementary Accessories

- Side panels
- Eye bolt
- Rain canopy
- Door inside mounting profile
- Short mounting plate
- Partial mounting plate
- Infill mounting plate
- Carriage depth slide and support
- Partition profile
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Joining set
- Adjustable / pull out perforated shelf
- Plan pocket
- Plastic cover plate
- Earthing cable
- Bottom cover plate

Width	Height	Depth	Reference	Door	Hinge	Glazed Door
A	B	C		pcs	pcs	Y / N
mm	mm	mm				
400	600	400	SSAS xxx 040640	1	2	✓
		500	SSAS xxx 040650	1	2	✓
		600	SSAS xxx 040660	1	2	✓
	800	400	SSAS xxx 040840	1	2	✓
		500	SSAS xxx 040850	1	2	✓
		600	SSAS xxx 040860	1	2	✓
	1000	400	SSAS xxx 041040	1	2	✓
		500	SSAS xxx 041050	1	2	✓
		600	SSAS xxx 041060	1	2	✓
	1200	400	SSAS xxx 041240	1	2	✓
		500	SSAS xxx 041250	1	2	✓
		600	SSAS xxx 041260	1	2	✓
	1400	400	SSAS xxx 041440	1	3	✓
		500	SSAS xxx 041450	1	3	✓
		600	SSAS xxx 041460	1	3	✓
	1600	400	SSAS xxx 041640	1	3	✓
		500	SSAS xxx 041650	1	3	✓
		600	SSAS xxx 041660	1	3	✓
	1800	400	SSAS xxx 041840	1	3	✓
		500	SSAS xxx 041850	1	3	✓
		600	SSAS xxx 041860	1	3	✓
	2000	800	SSAS xxx 041880	1	3	✓
		400	SSAS xxx 042040	1	3	✓
		500	SSAS xxx 042050	1	3	✓
		600	SSAS xxx 042060	1	3	✓
		800	SSAS xxx 042080	1	3	✓
600	600	400	SSAS xxx 060640	1	2	✓
		500	SSAS xxx 060650	1	2	✓
		600	SSAS xxx 060660	1	2	✓
	800	400	SSAS xxx 060840	1	2	✓
		500	SSAS xxx 060850	1	2	✓
		600	SSAS xxx 060860	1	2	✓
	1000	400	SSAS xxx 061040	1	2	✓
		500	SSAS xxx 061050	1	2	✓
		600	SSAS xxx 061060	1	2	✓
	1200	400	SSAS xxx 061240	1	2	✓
		500	SSAS xxx 061250	1	2	✓
		600	SSAS xxx 061260	1	2	✓
	1400	400	SSAS xxx 061440	1	3	✓
		500	SSAS xxx 061450	1	3	✓
		600	SSAS xxx 061460	1	3	✓
	1600	400	SSAS xxx 061640	1	3	✓
		500	SSAS xxx 061650	1	3	✓
		600	SSAS xxx 061660	1	3	✓
	1800	400	SSAS xxx 061840	1	3	✓
		500	SSAS xxx 061850	1	3	✓
		600	SSAS xxx 061860	1	3	✓
	2000	800	SSAS xxx 061880	1	3	✓
		400	SSAS xxx 062040	1	3	✓
		500	SSAS xxx 062050	1	3	✓
		600	SSAS xxx 062060	1	3	✓
800	600	400	SSAS xxx 040640	1	2	✓
		500	SSAS xxx 040650	1	2	✓
		600	SSAS xxx 040660	1	2	✓
	800	400	SSAS xxx 040840	1	2	✓
		500	SSAS xxx 040850	1	2	✓
		600	SSAS xxx 040860	1	2	✓
	1000	400	SSAS xxx 041040	1	2	✓
		500	SSAS xxx 041050	1	2	✓
		600	SSAS xxx 041060	1	2	✓

Width	Height	Depth	Reference	Door	Hinge	Glazed Door
A	B	C		pcs	pcs	Y / N
mm	mm	mm				
800	1200	400	SSAS xxx 081240	1	2	✓
		500	SSAS xxx 081250	1	2	✓
		600	SSAS xxx 081260	1	2	✓
	1400	400	SSAS xxx 081440	1	3	✓
		500	SSAS xxx 081450	1	3	✓
		600	SSAS xxx 081460	1	3	✓
	1600	400	SSAS xxx 081640	1	3	✓
		500	SSAS xxx 081650	1	3	✓
		600	SSAS xxx 081660	1	3	✓
	1800	400	SSAS xxx 081840	1	3	✓
		500	SSAS xxx 081850	1	3	✓
		600	SSAS xxx 081860	1	3	✓
	2000	800	SSAS xxx 081880	1	3	✓
		400	SSAS xxx 082040	1	3	✓
		500	SSAS xxx 082050	1	3	✓
		600	SSAS xxx 082060	1	3	✓
		800	SSAS xxx 082080	1	3	✓
1000	1800	400	SSAS xxx 101840	2	3+3	-
		500	SSAS xxx 101850	2	3+3	-
		600	SSAS xxx 101860	2	3+3	-
		800	SSAS xxx 101880	2	3+3	-
	2000	400	SSAS xxx 102040	2	3+3	-
		500	SSAS xxx 102050	2	3+3	-
		600	SSAS xxx 102060	2	3+3	-
	1800	800	SSAS xxx 102080	2	3+3	-
		400	SSAS xxx 121840	2	3+3	-
		500	SSAS xxx 121850	2	3+3	-
		600	SSAS xxx 121860	2	3+3	-
	2000	800	SSAS xxx 121880	2	3+3	-
		400	SSAS xxx 122040	2	3+3	-
		500	SSAS xxx 122050	2	3+3	-
		600	SSAS xxx 122060	2	3+3	-
	1800	800	SSAS xxx 122080	2	3+3	-
	2000	400	SSAS xxx 141840	2	3+3	-
		500	SSAS xxx 141850	2	3+3	-
		600	SSAS xxx 141860	2	3+3	-
	1800	800	SSAS xxx 141880	2	3+3	-
		400	SSAS xxx 142040	2	3+3	-
		500	SSAS xxx 142050	2	3+3	-
		600	SSAS xxx 142060	2	3+3	-
		800	SSAS xxx 142080	2	3+3	-





Width A mm	Height B mm	Reference	Solid Door	Useful Area		Glazed Door	Apparent Area		Mounting Plate	Dimensions	
				↔ mm	↕ mm		↔ mm	↕ mm		↔ mm	↕ mm
400	600	SSAS xxx 0406**	SSAS KP 0406	220	420	SSAS KPX 0406	200	400	AS TS 0406	300	500
	800	SSAS xxx 0408**	SSAS KP 0408	220	620	SSAS KPX 0408	200	600	AS TS 0408	300	700
	1000	SSAS xxx 0410**	SSAS KP 0410	220	820	SSAS KPX 0410	200	800	AS TS 0410	300	900
	1200	SSAS xxx 0412**	SSAS KP 0412	220	1020	SSAS KPX 0412	200	1000	AS TS 0412	300	1100
	1400	SSAS xxx 0414**	SSAS KP 0414	220	1220	SSAS KPX 0414	200	1200	AS TS 0414	300	1300
	1600	SSAS xxx 0416**	SSAS KP 0416	220	1420	SSAS KPX 0416	200	1400	AS TS 0416	300	1500
	1800	SSAS xxx 0418**	SSAS KP 0418	220	1620	SSAS KPX 0418	200	1600	AS TS 0418	300	1700
600	2000	SSAS xxx 0420**	SSAS KP 0420	220	1820	SSAS KPX 0420	200	1800	AS TS 0420	300	1900
	600	SSAS xxx 0606**	SSAS KP 0606	420	420	SSAS KPX 0606	400	400	AS TS 0606	500	500
	800	SSAS xxx 0608**	SSAS KP 0608	420	620	SSAS KPX 0608	400	600	AS TS 0608	500	700
	1000	SSAS xxx 0610**	SSAS KP 0610	420	820	SSAS KPX 0610	400	800	AS TS 0610	500	900
	1200	SSAS xxx 0612**	SSAS KP 0612	420	1020	SSAS KPX 0612	400	1000	AS TS 0612	500	1100
	1400	SSAS xxx 0614**	SSAS KP 0614	420	1220	SSAS KPX 0614	400	1200	AS TS 0614	500	1300
	1600	SSAS xxx 0616**	SSAS KP 0616	420	1420	SSAS KPX 0616	400	1400	AS TS 0616	500	1500
800	1800	SSAS xxx 0618**	SSAS KP 0618	420	1620	SSAS KPX 0618	400	1600	AS TS 0618	500	1700
	2000	SSAS xxx 0620**	SSAS KP 0620	420	1820	SSAS KPX 0620	400	1800	AS TS 0620	500	1900
	600	SSAS xxx 0806**	SSAS KP 0806	620	420	SSAS KPX 0806	600	400	AS TS 0806	700	500
	800	SSAS xxx 0808**	SSAS KP 0808	620	620	SSAS KPX 0808	600	600	AS TS 0808	700	700
	1000	SSAS xxx 0810**	SSAS KP 0810	620	820	SSAS KPX 0810	600	800	AS TS 0810	700	900
	1200	SSAS xxx 0812**	SSAS KP 0812	620	1020	SSAS KPX 0812	600	1000	AS TS 0812	700	1100
	1400	SSAS xxx 0814**	SSAS KP 0814	620	1220	SSAS KPX 0814	600	1200	AS TS 0814	700	1300
1000	1600	SSAS xxx 0816**	SSAS KP 0816	620	1420	SSAS KPX 0816	600	1400	AS TS 0816	700	1500
	1800	SSAS xxx 0818**	SSAS KP 0818	620	1620	SSAS KPX 0818	600	1600	AS TS 0818	700	1700
	2000	SSAS xxx 0820**	SSAS KP 0820	620	1820	SSAS KPX 0820	600	1800	AS TS 0820	700	1900
	1800	SSAS xxx 1018**	SSAS KP 1018	320 + 320	1620	-- --	-- --	-- --	AS TS 1018	900	1700
	2000	SSAS xxx 1020**	SSAS KP 1020	320 + 320	1820	-- --	-- --	-- --	AS TS 1020	900	1900
	1800	SSAS xxx 1218**	SSAS KP 1218	420 + 420	1620	-- --	-- --	-- --	AS TS 1218	1100	1700
	2000	SSAS xxx 1220**	SSAS KP 1220	420 + 420	1820	-- --	-- --	-- --	AS TS 1220	1100	1900
1400	1800	SSAS xxx 1418**	SSAS KP 1418	520 + 520	1620	-- --	-- --	-- --	AS TS 1418	1300	1700
	2000	SSAS xxx 1420**	SSAS KP 1420	520 + 520	1820	-- --	-- --	-- --	AS TS 1420	1300	1900

Height B mm	Depth C mm	Reference	Side Panel	Useful Area			Width A mm	Depth C mm	Reference	Top Cover	Useful Area		Bottom Cover Plate	Dimensions	
				D3 mm	H31 mm	H32 mm					↔ mm	↕ mm		↔ mm	↕ mm
600	400	SSAS xxx **0640	SSAS YS 0640	194	340	-	400	400	SSAS xxx 04**40	SSAS TAV 04040	350	194	SSAS BS 04040	394	340
	500	SSAS xxx **0650	SSAS YS 0650	294	340	-		500	SSAS xxx 04**50	SSAS TAV 04050	350	294	SSAS BS 04050	394	440
	600	SSAS xxx **0660	SSAS YS 0660	394	340	-		600	SSAS xxx 04**60	SSAS TAV 04060	350	394	SSAS BS 04060	394	540
800	400	SSAS xxx **0840	SSAS YS 0840	194	540	-	600	800	SSAS xxx 04**80	SSAS TAV 04080	350	594	SSAS BS 04080	394	740
	500	SSAS xxx **0850	SSAS YS 0850	294	540	-		400	SSAS xxx 06**40	SSAS TAV 06040	550	194	SSAS BS 06040	594	340
	600	SSAS xxx **0860	SSAS YS 0860	394	540	-		500	SSAS xxx 06**50	SSAS TAV 06050	550	294	SSAS BS 06050	594	440
1000	400	SSAS xxx **1040	SSAS YS 1040	194	740	-	800	600	SSAS xxx 06**60	SSAS TAV 06060	550	394	SSAS BS 06060	594	540
	500	SSAS xxx **1050	SSAS YS 1050	294	740	-		800	SSAS xxx 06**80	SSAS TAV 06080	550	594	SSAS BS 06080	594	740
	600	SSAS xxx **1060	SSAS YS 1060	394	740	-		400	SSAS xxx 08**40	SSAS TAV 08040	750	194	SSAS BS 08040	794	340
1200	400	SSAS xxx **1240	SSAS YS 1240	194	940	-	1000	500	SSAS xxx 08**50	SSAS TAV 08050	750	294	SSAS BS 08050	794	440
	500	SSAS xxx **1250	SSAS YS 1250	294	940	-		600	SSAS xxx 08**60	SSAS TAV 08060	750	394	SSAS BS 08060	794	540
	600	SSAS xxx **1260	SSAS YS 1260	394	940	-		800	SSAS xxx 08**80	SSAS TAV 08080	750	594	SSAS BS 08080	794	740
1400	400	SSAS xxx **1440	SSAS YS 1440	194	520	540	1200	400	SSAS xxx 10**40	SSAS TAV 10040	950	194	SSAS BS 10040	994	340
	500	SSAS xxx **1450	SSAS YS 1450	294	520	540		500	SSAS xxx 10**50	SSAS TAV 10050	950	294	SSAS BS 10050	994	440
	600	SSAS xxx **1460	SSAS YS 1460	394	520	540		600	SSAS xxx 10**60	SSAS TAV 10060	950	394	SSAS BS 10060	994	540
1600	400	SSAS xxx **1640	SSAS YS 1640	194	640	620	1400	800	SSAS xxx 10**80	SSAS TAV 10080	950	594	SSAS BS 10080	994	740
	500	SSAS xxx **1650	SSAS YS 1650	294	640	620		400	SSAS xxx 12**40	SSAS TAV 12040	1150	194	SSAS BS 12040	1194	340
	600	SSAS xxx **1660	SSAS YS 1660	394	640	620		500	SSAS xxx 12**50	SSAS TAV 12050	1150	294	SSAS BS 12050	1194	440
1800	400	SSAS xxx **1840	SSAS YS 1840	194	720	740	1600	600	SSAS xxx 12**60	SSAS TAV 12060	1150	394	SSAS BS 12060	1194	540
	500	SSAS xxx **1850	SSAS YS 1850	294	720	740		800	SSAS xxx 12**80	SSAS TAV 12080	1150	594	SSAS BS 12080	1194	740
	600	SSAS xxx **1860	SSAS YS 1860	394	720	740		400	SSAS xxx 14**40	SSAS TAV 14040	1350	194	SSAS BS 14040	1394	340
2000	800	SSAS xxx **1880	SSAS YS 1880	594	720	740	1800	500	SSAS xxx 14**50	SSAS TAV 14050	1350	294	SSAS BS 14050	1394	440
	400	SSAS xxx **2040	SSAS YS 2040	194	840	820		600	SSAS xxx 14**60	SSAS TAV 14060	1350	394	SSAS BS 14060	1394	540
	500	SSAS xxx **2050	SSAS YS 2050	294	840	820		800	SSAS xxx 14**80	SSAS TAV 14080	1350	594	SSAS BS 14080	1394	740
	600	SSAS xxx **2060	SSAS YS 2060	394	840	820									
	800	SSAS xxx **2080	SSAS YS 2080	594	840	820									

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

- Body : 1.5 mm
 - Door : 1.5 mm
 - Plinth : 1.5 mm
- Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP65 (TS 3033, EN 60529)

Others

- All welded monobloc body
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility
- Plinth and cover options

On Request

- Custom sizes
- Custom colour
- Pre-punching
- 316L Grade SS



Supply Includes

- Body
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)

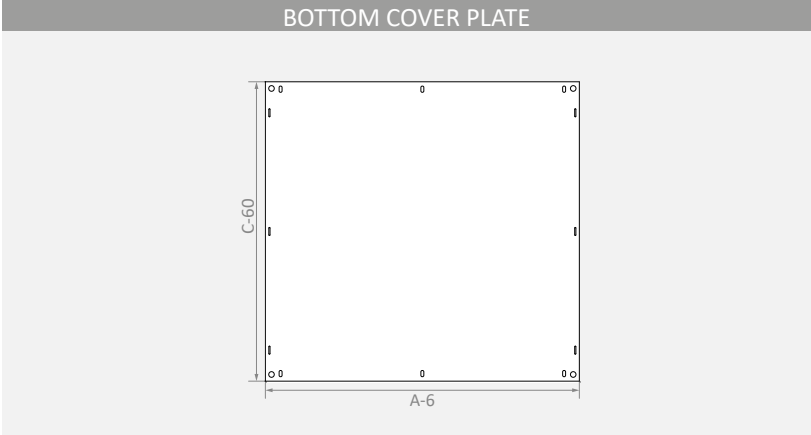
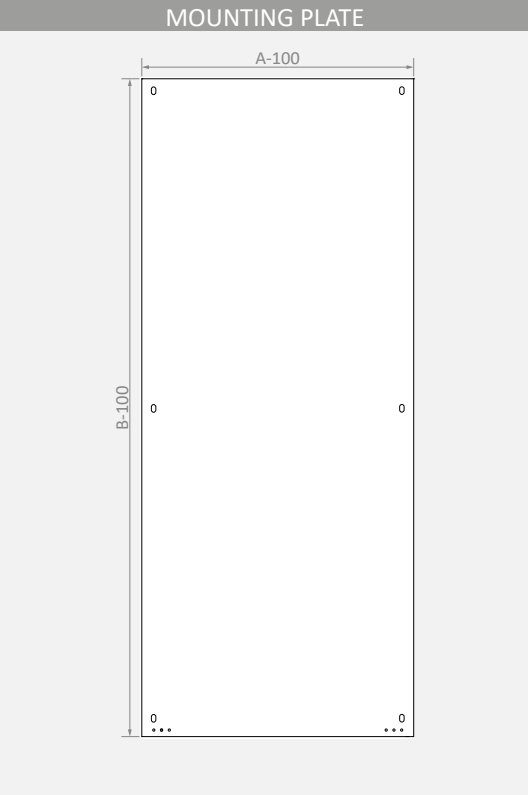
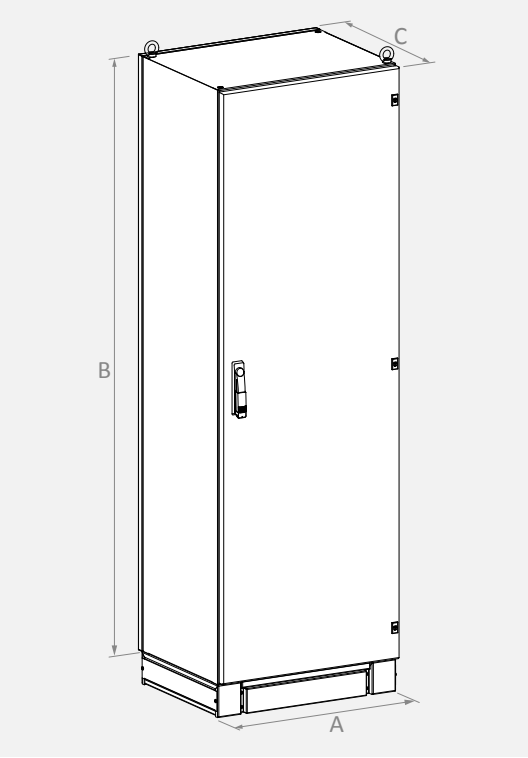
Complementary Accessories

- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- L, U and Z profiles
- L and Z brackets
- Plan pocket
- Earthing cable
- 4/6 pcs side rails
- 4 pcs Z profiles



Width	Height	Depth	Reference	Door	Hinge
A	B	C		pcs	pcs
mm	mm	mm			
400	600	400	SSMS xxx 040640	1	2
		500	SSMS xxx 040650	1	2
		600	SSMS xxx 040660	1	2
	800	400	SSMS xxx 040840	1	2
		500	SSMS xxx 040850	1	2
		600	SSMS xxx 040860	1	2
	1000	400	SSMS xxx 041040	1	2
		500	SSMS xxx 041050	1	2
		600	SSMS xxx 041060	1	2
	1200	400	SSMS xxx 041240	1	2
		500	SSMS xxx 041250	1	2
		600	SSMS xxx 041260	1	2
	1400	400	SSMS xxx 041440	1	3
		500	SSMS xxx 041450	1	3
		600	SSMS xxx 041460	1	3
	1600	400	SSMS xxx 041640	1	3
		500	SSMS xxx 041650	1	3
		600	SSMS xxx 041660	1	3
	1800	400	SSMS xxx 041840	1	3
		500	SSMS xxx 041850	1	3
		600	SSMS xxx 041860	1	3
	2000	400	SSMS xxx 041880	1	3
		500	SSMS xxx 042040	1	3
		600	SSMS xxx 042050	1	3
600	600	400	SSMS xxx 060640	1	2
		500	SSMS xxx 060650	1	2
		600	SSMS xxx 060660	1	2
	800	400	SSMS xxx 060840	1	2
		500	SSMS xxx 060850	1	2
		600	SSMS xxx 060860	1	2
	1000	400	SSMS xxx 061040	1	2
		500	SSMS xxx 061050	1	2
		600	SSMS xxx 061060	1	2
	1200	400	SSMS xxx 061240	1	2
		500	SSMS xxx 061250	1	2
		600	SSMS xxx 061260	1	2
	1400	400	SSMS xxx 061440	1	3
		500	SSMS xxx 061450	1	3
		600	SSMS xxx 061460	1	3
	1600	400	SSMS xxx 061640	1	3
		500	SSMS xxx 061650	1	3
		600	SSMS xxx 061660	1	3
	1800	400	SSMS xxx 061840	1	3
		500	SSMS xxx 061850	1	3
		600	SSMS xxx 061860	1	3
	2000	400	SSMS xxx 061880	1	3
		500	SSMS xxx 062040	1	3
		600	SSMS xxx 062050	1	3
800	600	400	SSMS xxx 080640	1	2
		500	SSMS xxx 080650	1	2
		600	SSMS xxx 080660	1	2
	800	400	SSMS xxx 080840	1	2
		500	SSMS xxx 080850	1	2
		600	SSMS xxx 080860	1	2
	1000	400	SSMS xxx 081040	1	2
		500	SSMS xxx 081050	1	2
		600	SSMS xxx 081060	1	2
	1200	400	SSMS xxx 081240	1	2
		500	SSMS xxx 081250	1	2
		600	SSMS xxx 081260	1	2
	1400	400	SSMS xxx 081440	1	3
		500	SSMS xxx 081450	1	3
		600	SSMS xxx 081460	1	3
	1600	400	SSMS xxx 081640	1	3
		500	SSMS xxx 081650	1	3
		600	SSMS xxx 081660	1	3
	1800	400	SSMS xxx 081840	1	3
		500	SSMS xxx 081850	1	3
		600	SSMS xxx 081860	1	3
	2000	400	SSMS xxx 081880	1	3
		500	SSMS xxx 082040	1	3
		600	SSMS xxx 082050	1	3
1000	600	400	SSMS xxx 100640	1	2
		500	SSMS xxx 100650	1	2
		600	SSMS xxx 100660	1	2
	800	400	SSMS xxx 100840	1	2
		500	SSMS xxx 100850	1	2
		600	SSMS xxx 100860	1	2
	1000	400	SSMS xxx 101040	1	2
		500	SSMS xxx 101050	1	2
		600	SSMS xxx 101060	1	2
	1200	400	SSMS xxx 101240	1	2
		500	SSMS xxx 101250	1	2
		600	SSMS xxx 101260	1	2
	1400	400	SSMS xxx 101440	1	3
		500	SSMS xxx 101450	1	3
		600	SSMS xxx 101460	1	3
	1600	400	SSMS xxx 101640	1	3
		500	SSMS xxx 101650	1	3
		600	SSMS xxx 101660	1	3
	1800	400	SSMS xxx 101840	1	3
		500	SSMS xxx 101850	1	3
		600	SSMS xxx 101860	1	3
	2000	400	SSMS xxx 101880	1	3
		500	SSMS xxx 102040	1	3
		600	SSMS xxx 102050	1	3
1200	600	400	SSMS xxx 120640	1	2
		500	SSMS xxx 120650	1	2
		600	SSMS xxx 120660	1	2
	800	400	SSMS xxx 120840	1	2
		500	SSMS xxx 120850	1	2
		600	SSMS xxx 120860	1	2
	1000	400	SSMS xxx 121040	1	2
		500	SSMS xxx 121050	1	2
		600	SSMS xxx 121060	1	2
	1200	400	SSMS xxx 121240	1	2
		500	SSMS xxx 121250	1	2
		600	SSMS xxx 121260	1	2
	1400	400	SSMS xxx 121440	1	3
		500	SSMS xxx 121450	1	3
		600	SSMS xxx 121460	1	3
	1600	400	SSMS xxx 121640	1	3
		500	SSMS xxx 121650	1	3
		600	SSMS xxx 121660	1	3
	1800	400	SSMS xxx 121840	1	3
		500	SSMS xxx 121850	1	3
		600	SSMS xxx 121860	1	3
	2000	400	SSMS xxx 121880	1	3
		500	SSMS xxx 122040	1	3
		600	SSMS xxx 122050	1	3
1400	600	400	SSMS xxx 140640	1	2
		500	SSMS xxx 140650	1	2
		600	SSMS xxx 140660	1	2
	800	400	SSMS xxx 140840	1	2
		500	SSMS xxx 140850	1	2
		600	SSMS xxx 140860	1	2
	1000	400	SSMS xxx 141040	1	2
		500	SSMS xxx 141050	1	2
		600	SSMS xxx 141060	1	2
	1200	400	SSMS xxx 141240	1	2
		500	SSMS xxx 141250	1	2
		600	SSMS xxx 141260	1	2
	1400	400	SSMS xxx 141440	1	3
		500	SSMS xxx 141450	1	3
		600	SSMS xxx 141460	1	3
	1600	400	SSMS xxx 141640	1	3
		500	SSMS xxx 141650	1	3
		600	SSMS xxx 141660	1	3
	1800	400	SSMS xxx 141840	1	3
		500	SSMS xxx 141850	1	3
		600	SSMS xxx 141860	1	3
	2000	400	SSMS xxx 141880	1	3
		500	SSMS xxx 142040	1	3
		600	SSMS xxx 142050	1	3

Width	Height	Depth	Reference	Door	Hinge
A	B	C			
mm	mm	mm			
800	600	400	SSMS xxx 080640	1	2
		500	SSMS xxx 080650	1	2
		600	SSMS xxx 080660	1	2
	800	400	SSMS xxx 080840	1	2
		500	SSMS xxx 080850	1	2
		600	SSMS xxx 080860	1	2
	1000	400	SSMS xxx 081040	1	2
		500	SSMS xxx 081050	1	2
		600	SSMS xxx 081060	1	2
	1200	400	SSMS xxx 081240	1	2
		500	SSMS xxx 081250	1	2
		600	SSMS xxx 081260	1	2
	1400	400	SSMS xxx 081440	1	3
		500	SSMS xxx 081450	1	3
		600	SSMS xxx 081460	1	3
	1600	400	SSMS xxx 081640	1	3
		500	SSMS xxx 081650	1	3
		600	SSMS xxx 081660	1	3
	1800	400	SSMS xxx 081840	1	3
		500	SSMS xxx 081850	1	3
		600	SSMS xxx 081860	1	3
	2000	400	SSMS xxx 081880	1	3
		400	SSMS xxx 082040	1	3
		500	SSMS xxx 082050	1	3
600	SSMS xxx 082060	1	3		
800	SSMS xxx 082080	1	3		
1000	1800	400	SSMS xxx 101840	2	3+3
		500	SSMS xxx 101850	2	3+3
		600	SSMS xxx 101860	2	3+3
		800	SSMS xxx 101880	2	3+3
	2000	400	SSMS xxx 102040	2	3+3
		500	SSMS xxx 102050	2	3+3
		600	SSMS xxx 102060	2	3+3
1200	1800	400	SSMS xxx 121840	2	3+3
		500	SSMS xxx 121850	2	3+3
		600	SSMS xxx 121860	2	3+3
		800	SSMS xxx 121880	2	3+3
	2000	400	SSMS xxx 122040	2	3+3
		500	SSMS xxx 122050	2	3+3
		600	SSMS xxx 122060	2	3+3
1400	1800	800	SSMS xxx 122080	2	3+3
		400	SSMS xxx 141840	2	3+3
		500	SSMS xxx 141850	2	3+3
		600	SSMS xxx 141860	2	3+3
	2000	800	SSMS xxx 141880	2	3+3
		400	SSMS xxx 142040	2	3+3
		500	SSMS xxx 142050	2	3+3
600	SSMS xxx 142060	2	3+3		
800	SSMS xxx 142080	2	3+3		



Width	Height	Reference
A	B	
mm	mm	
400	600	AS xxx 0406**
	800	AS xxx 0408**
	1000	AS xxx 0410**
	1200	AS xxx 0412**
	1400	AS xxx 0414**
	1600	AS xxx 0416**
	1800	AS xxx 0418**
	2000	AS xxx 0420**
600	600	AS xxx 0606**
	800	AS xxx 0608**
	1000	AS xxx 0610**
	1200	AS xxx 0612**
	1400	AS xxx 0614**
	1600	AS xxx 0616**
	1800	AS xxx 0618**
	2000	AS xxx 0620**
800	600	AS xxx 0806**
	800	AS xxx 0808**
	1000	AS xxx 0810**
	1200	AS xxx 0812**
	1400	AS xxx 0814**
	1600	AS xxx 0816**
	1800	AS xxx 0818**
	2000	AS xxx 0820**
1000	1800	AS xxx 1018**
	2000	AS xxx 1020**
1200	1800	AS xxx 1218**
	2000	AS xxx 1220**
1400	1800	AS xxx 1418**
	2000	AS xxx 1420**

Solid Door	Useful Area	
	↔	↕
	mm	mm
SSAS KP0406	220	420
SSAS KP0408	220	620
SSAS KP0410	220	820
SSAS KP0412	220	1020
SSAS KP0414	220	1220
SSAS KP0416	220	1420
SSAS KP0418	220	1620
SSAS KP0420	220	1820
SSAS KP0606	420	420
SSAS KP0608	420	620
SSAS KP0610	420	820
SSAS KP0612	420	1020
SSAS KP0614	420	1220
SSAS KP0616	420	1420
SSAS KP0618	420	1620
SSAS KP0620	420	1820
SSAS KP0806	620	420
SSAS KP0808	620	620
SSAS KP0810	620	820
SSAS KP0812	620	1020
SSAS KP0814	620	1220
SSAS KP0816	620	1420
SSAS KP0818	620	1620
SSAS KP0820	620	1820
SSAS KP1018	320 + 320	1620
SSAS KP1020	320 + 320	1820
SSAS KP1218	420 + 420	1620
SSAS KP1220	420 + 420	1820
SSAS KP1418	520 + 520	1620
SSAS KP1420	520 + 520	1820

Mounting Plate	Dimensions	
	↔	↕
	mm	mm
AS TS0406	300	500
AS TS0408	300	700
AS TS0410	300	900
AS TS0412	300	1100
AS TS0414	300	1300
AS TS0416	300	1500
AS TS0418	300	1700
AS TS0420	300	1900
AS TS0606	500	500
AS TS0608	500	700
AS TS0610	500	900
AS TS0612	500	1100
AS TS0614	500	1300
AS TS0616	500	1500
AS TS0618	500	1700
AS TS0620	500	1900
AS TS0806	700	500
AS TS0808	700	700
AS TS0810	700	900
AS TS0812	700	1100
AS TS0814	700	1300
AS TS0816	700	1500
AS TS0818	700	1700
AS TS0820	700	1900
AS TS1018	900	1700
AS TS1020	900	1900
AS TS1218	1100	1700
AS TS1220	1100	1900
AS TS1418	1300	1700
AS TS1420	1300	1900

Width	Depth	Reference
A	C	
mm	mm	
400	400	AS xxx 04**40
	500	AS xxx 04**50
	600	AS xxx 04**60
	800	AS xxx 04**80
600	400	AS xxx 06**40
	500	AS xxx 06**50
	600	AS xxx 06**60
	800	AS xxx 06**80
800	400	AS xxx 08**40
	500	AS xxx 08**50
	600	AS xxx 08**60
	800	AS xxx 08**80
1000	400	AS xxx 10**40
	500	AS xxx 10**50
	600	AS xxx 10**60
	800	AS xxx 10**80
1200	400	AS xxx 12**40
	500	AS xxx 12**50
	600	AS xxx 12**60
	800	AS xxx 12**80
1400	400	AS xxx 14**40
	500	AS xxx 14**50
	600	AS xxx 14**60
	800	AS xxx 14**80

Bottom Cover Plate	Dimensions	
	↔	↗
	mm	mm
SSAS BS0440	394	340
SSAS BS0450	394	440
SSAS BS0460	394	540
SSAS BS0480	394	740
SSAS BS0640	594	340
SSAS BS0650	594	440
SSAS BS0660	594	540
SSAS BS0680	594	740
SSAS BS0840	794	340
SSAS BS0850	794	440
SSAS BS0860	794	540
SSAS BS0880	794	740
SSAS BS1040	994	340
SSAS BS1050	994	440
SSAS BS1060	994	540
SSAS BS1080	994	740
SSAS BS1240	1194	340
SSAS BS1250	1194	440
SSAS BS1260	1194	540
SSAS BS1280	1194	740
SSAS BS1440	1394	340
SSAS BS1450	1394	440
SSAS BS1460	1394	540
SSAS BS1480	1394	740

Characteristics

- Material**
- Stainless Steel 304L (EN 10088 1.4307)
 - Body : 1.2 mm
 - Door : 1.2 mm
- Surface Finishing**
- Scotch-brite brushed
- IP Rating**
- IP55 (TS 3033, EN 60529)
- Others**
- Left and right handles
 - Foamed-in rear door PU sealing gasket
 - Hinged lockable rear door
 - Top cable entry

On Request

- Custom sizes
- Special mounting plate
- Pre-punching
- 316L Grade SS



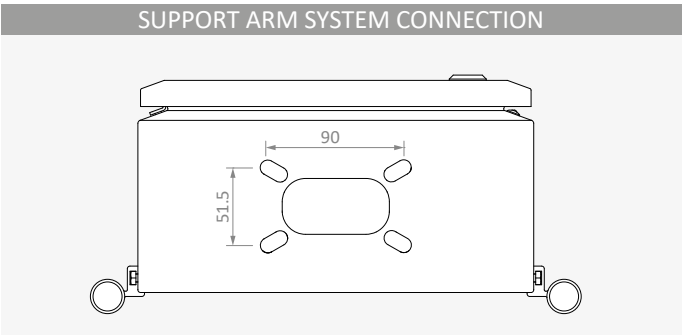
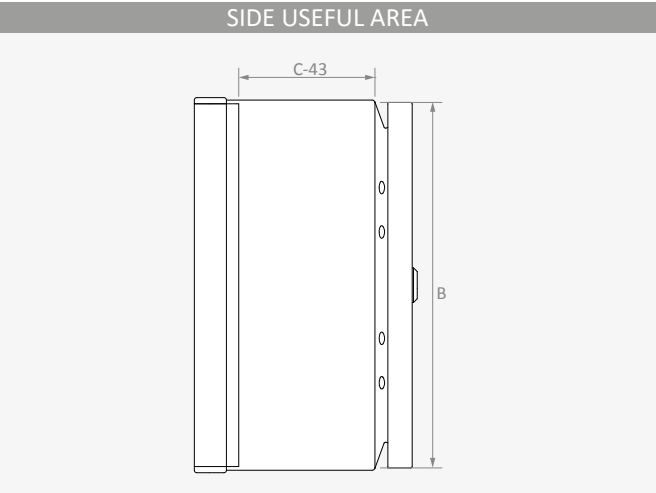
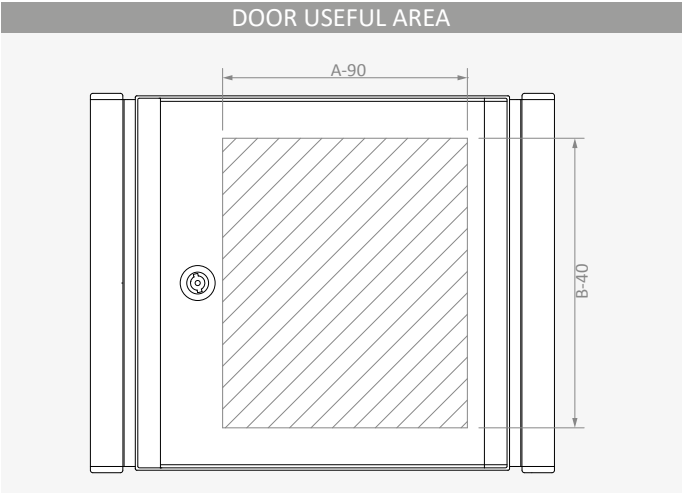
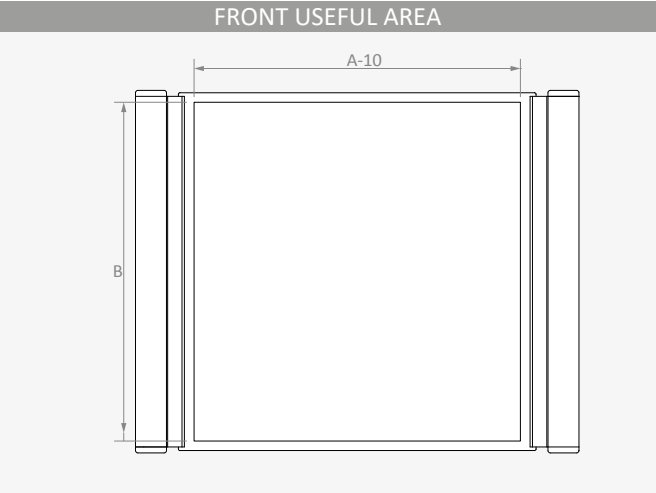
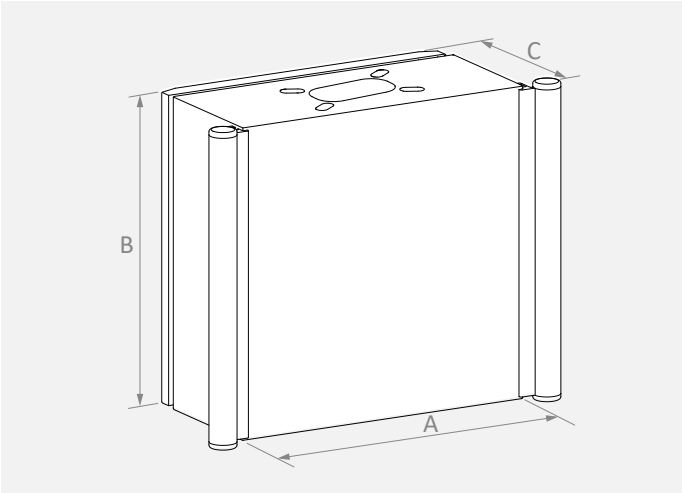
Supply Includes

- Body
- Lockable rear door
- Handles

Complementary Accessories

- Earthing cable
- DIN rail

Width	Height	Depth	Reference	Useful Area		Rear Door		Front Useful Area		Support Arm System Connection	
				Side							
A	B	C		↕ mm	↗ mm	↔ mm	↕ mm	↔ mm	↕ mm	↔ mm	↕ mm
300	300	160	SSKPA 030316	300	117	210	260	290	300	90	51.5
	400	160	SSKPA 030416	400	117	210	360	290	400	90	51.5
400	400	160	SSKPA 040416	400	117	310	360	390	400	90	51.5
	500	160	SSKPA 040516	500	117	310	460	390	500	90	51.5
500	500	160	SSKPA 050516	500	117	410	460	490	500	90	51.5



Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

- Body : 1.2 mm
- Door : 1.2 mm

Galvanized (EN 10346 DX51D+Z)

- Mounting plate : 1.5 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP 66 / IP 69K

Lock Insert

- Stainless Steel 304

Others

- Monoblock enclosure
- Single Door with inserted silicone seal
- Door hinged on the right, 110° door opening
- Roof angled forwards by 30°
- Sealing gasket dyed blue to clearly distinguish it from foodstuffs
- FDA Compliant Seal (21 CFR 177.2600)
- Special lock design allows for easy cleaning

On Request

- Custom sizes



Supply Includes

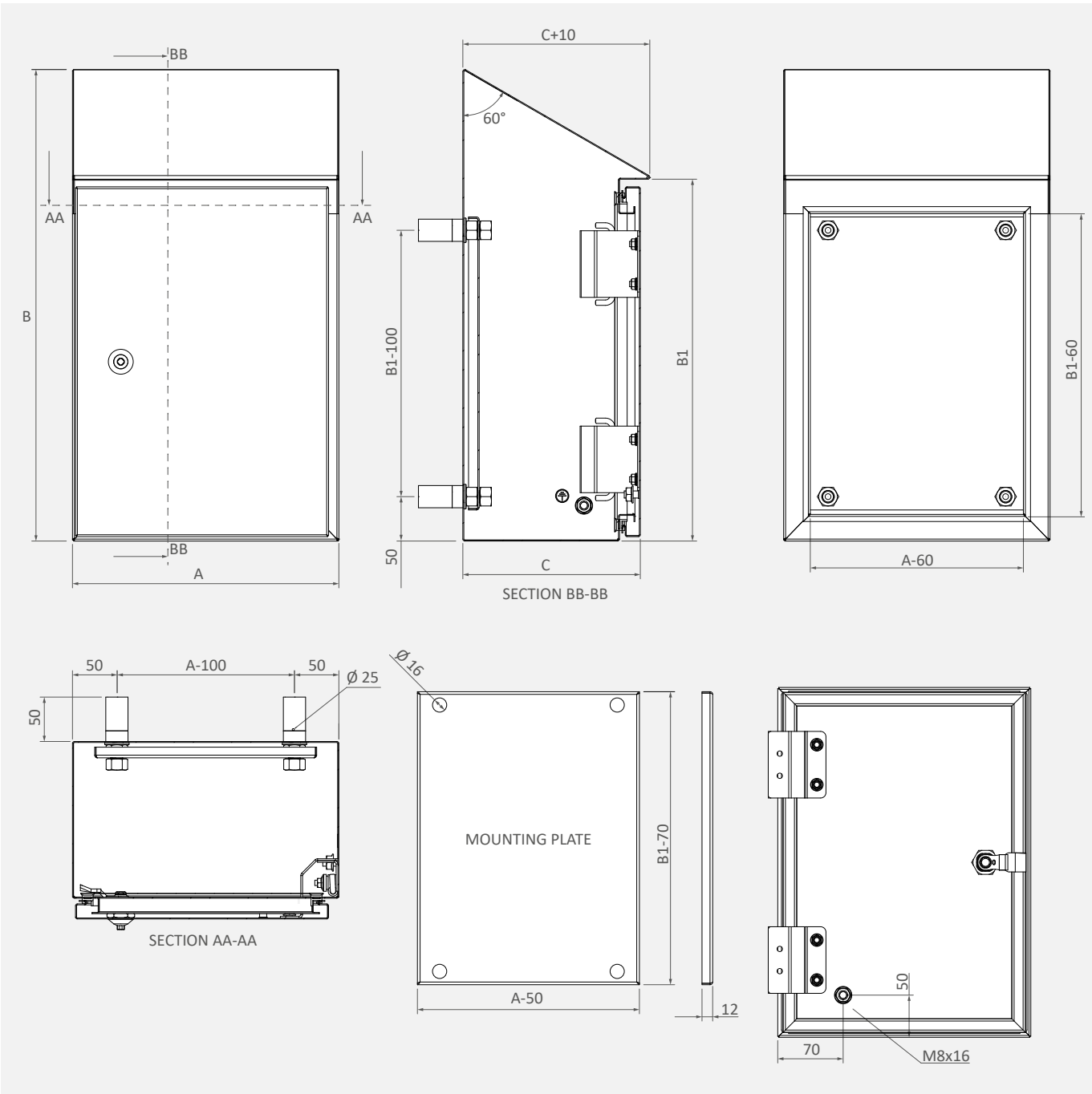
- Monoblock enclosure
- Single Door with inserted seal
- Door hinged on the right
- Mounting plate

Complementary Accessories

- Wall mounting adaptor
- Levelling Feet



Width	Height Rear	Height Front	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Weight	Application Options	
A	B	B1	C		pcs		pcs	pcs	pcs	kg	Wall Bracket Y / N	Levelling Feet Y / N
300	431	300	200	HS 110 030320	1	C	1	2	4	7.3	✓	✓
300	531	400	200	HS 110 030420	1	C	1	2	4	8.6	✓	✓
400	731	400	200	HS 110 040420	1	C	1	2	4	10.4	✓	✓
400	731	600	200	HS 110 040620	1	C	2	2	4	13.7	✓	✓
400	789	600	300	HS 110 040630	1	C	2	2	4	16	✓	✓
500	831	700	200	HS 110 050720	1	C	2	3	4	18	✓	✓
500	889	700	300	HS 110 050730	1	C	2	3	4	20	✓	✓
600	931	800	200	HS 110 060820	1	C	2	3	4	23	✓	✓
600	989	800	300	HS 110 060830	1	C	2	3	4	26	✓	✓
600	1189	800	300	HS 110 061030	1	C	2	3	4	30	✓	✓
800	1189	800	300	HS 110 080830	1	C	2	3	4	32.5	✓	✓
800	1189	1000	300	HS 110 081030	1	C	2	3	4	41.6	✓	✓
800	1389	1200	300	HS 110 081230	1	C	2	3	4	48	✓	✓



Characteristics

Material

Stainless Steel 316L (EN 10088 1.4404)

- Body : 1.2 / 1.5 mm
- Door : 1.2 / 1.5 mm
- Plate : 2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP66 (TS 3033, EN 60529)

Others

- Padlockable, removable, screw-type solid door
- Foamed-in door PU sealing gasket (-40°C +100°C)
- 180° Concealed hinge
- Door fastening with captive screws
- Impact strength 7 Joule
- Ambient Temperature -40°C to +55°C for T5
- Ambient Temperature -40°C to +40°C for T6
- Horizontal or vertical terminal options
- Ex e & Ex ia protection
- Zone1 (Category 2), Zone 2 (Category 3) & Zone 21 & 22.
- M6/M10 integral internal / external earthing stud

On Request

- Custom sizes
- 0,2,3,4 gland plate options
- Special mounting plate
- Pre-galvanized steel + painted



Supply Includes

- Body
- Door
- Earth stud

Complementary Accessories

- Mounting plate
- DIN rail
- Earthing cable
- DIN rail mounting bracket (vertical / horizontal)

Width	Height	Depth	Reference	Thickness			Hinge	Weight
				Body	Door	Plate		
A	B	C		mm	mm	mm	pcs	kg
120	120	80	TES 121208-S	1.2	1.2	---	---	1.4
150	150	90	TES 151509-S	1.2	1.2	---	---	1.9
190	190	100	TES 191910-S	1.2	1.2	---	---	3.0
152	229	135	TEX 152213-S1	1.5	1.5	2	2	3.3
260	260	160	TEX 262616-S1	1.5	1.5	2	2	5.5
260	260	200	TEX 262620-S1	1.5	1.5	2	2	5.5
260	380	160	TEX 263816-S1	1.5	1.5	2	2	7.0
260	380	200	TEX 263820-S1	1.5	1.5	2	2	7.0
306	306	160	TEX 303016-S1	1.5	1.5	2	2	7.0
306	306	200	TEX 303020-S1	1.5	1.5	2	2	7.0
350	500	160	TEX 355016-S1	1.5	1.5	2	2	10.5
350	500	200	TEX 355020-S1	1.5	1.5	2	2	10.5
382	458	160	TEX 384516-S1	1.5	1.5	2	2	9.8
382	458	200	TEX 384520-S1	1.5	1.5	2	2	9.8
450	620	160	TEX 456216-S1	1.5	1.5	2	3	17.0
450	620	200	TEX 456220-S1	1.5	1.5	2	3	17.0
480	480	160	TEX 484816-S1	1.5	1.5	2	2	10.4
480	480	200	TEX 484820-S1	1.5	1.5	2	2	10.4
508	762	200	TEX 507620-S1	1.5	1.5	2	3	23.5
550	740	200	TEX 557420-S1	1.5	1.5	2	3	23.5
610	914	200	TEX 619120-S1	1.5	1.5	2	3	31.0
640	860	200	TEX 648620-S1	1.5	1.5	2	3	29.0
740	980	200	TEX 749820-S1	1.5	1.5	2	3	38.0

Characteristics

Global (IECEx)

IECEx SIR 15.0056X

Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)

Ex tb IIC T57°C Db, IP66, (Tamb: -40°C to +40°C)

Ex ia IIC T6 Ga (Tamb: +40°C to +40°C)

IECEx SIR 15.0057U (Component certificate)

Europe (ATEX)

SIRA 06 ATEX 3285X

CE 2813 II 2 G D Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)

Ex tb IIC T57°C Db, IP66, (Tamb: -40°C to +40°C)

CE 2813 II 1 G Ex ia IIC T6 Ga (Tamb: -40°C to +40°C)

SIRA 06 ATEX 3286U (Component certificate)

UK (UKCA)

CSAE 22 UKEX 1136X

UKCA 2813 II 2 G D Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)

Ex tb IIC T57°C Db, IP66, (Tamb: -40°C to +40°C)

UKCA 2813 II 1 G Ex ia IIC T6 Ga (Tamb: -40°C to +40°C)

CSAE 22 UKEX 1135U (Component certificate)

Classification Areas

Zone 1 (Category 2), Zone 2 (Category 3) & Zones 21 & 22

Design Standard

EN IEC 60079-0, EN IEC 60079-7, EN 60079-11, EN 60079-31

IP Rating

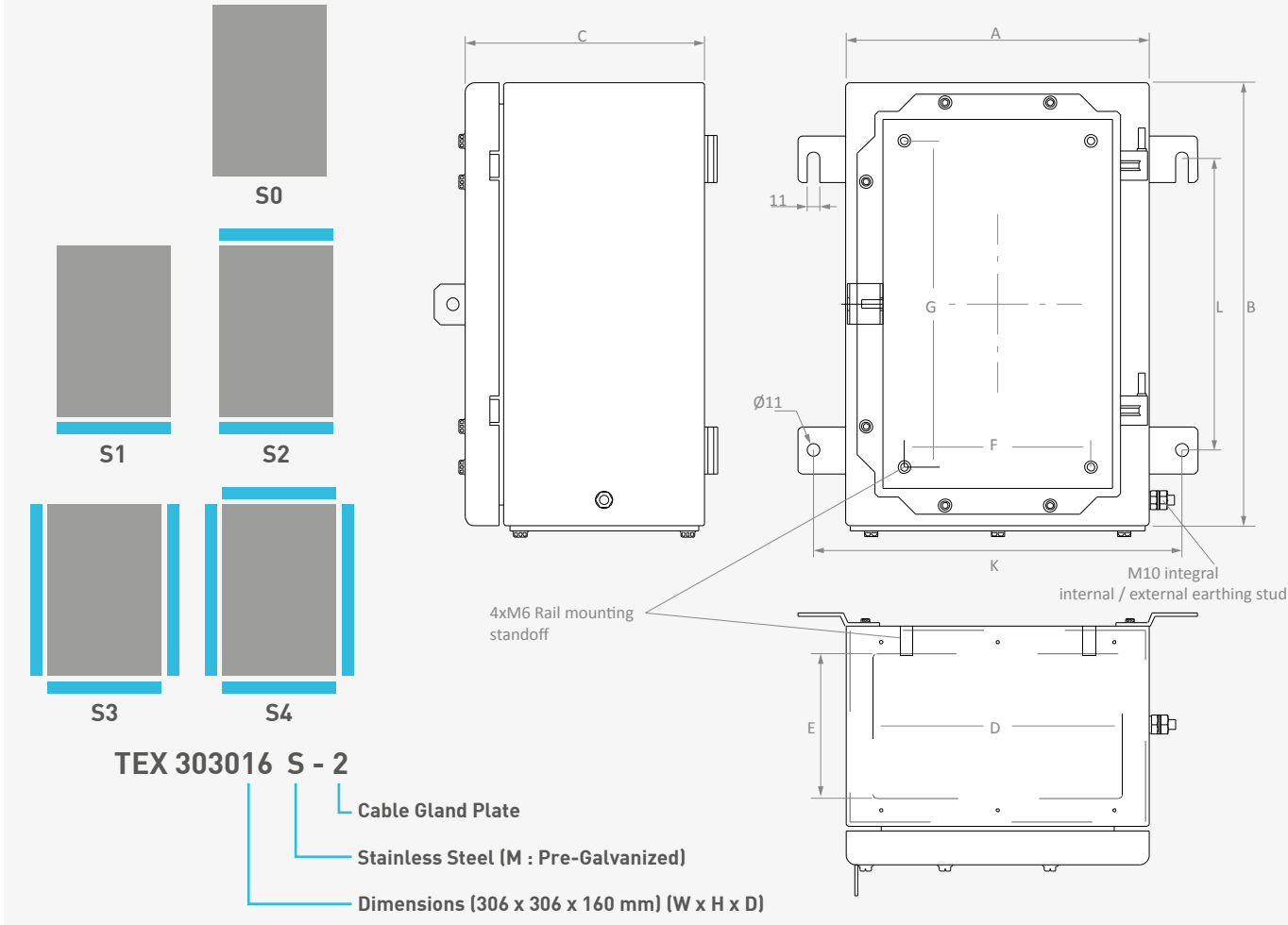
IP66 (TS 3033, IEC/EN 60529)

Material

Highly corrosion resistant 1.2 - 1.5 - 2.0mm stainless steel 316L

Gland Plates

2.0mm thickness, 0,1,2,3 & 4 gland plate options



Characteristics

- Material**
- Sheet Steel (EN 10130 DC01)
 - Body : 1.2 / 1.5 mm
 - Glazed door : 1.2 / 1.5 mm
- Surface Finishing**
- RAL7035w powder coating
- IP Rating**
- IP65 (TS 3033, EN 60529)
- Others**
- Glazed / Solid / Perforated door
 - Foamed-in door PU sealing gasket
 - Bottom & top plain gland plate
 - 155° concealed hinges
 - 5mm Double-bit insert polyamide lock

On Request

- Custom sizes
- Custom colour
- Pre-punching



Supply Includes

- Body
- Glazed door
- Bottom & top plain gland plate
- 2 pcs depth adjustable 19" profiles
- 4/6 pcs wall brackets

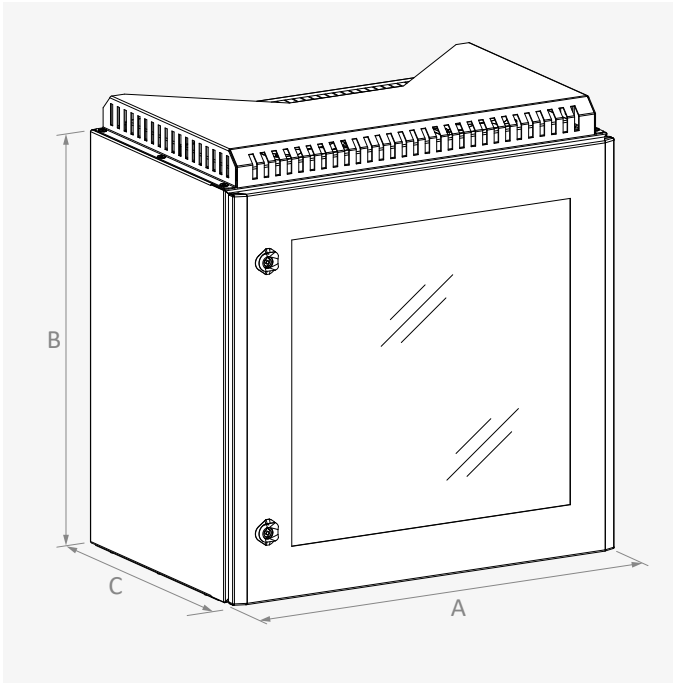
Complementary Accessories

- Perforated / solid door
- Vented dust protection hood
- Plinth
- Levelling feet
- Castor
- Top and bottom filter fitted, fan fitted, brushed, perforated cover plates
- Power distribution unit
- 19" pull out perforated shelf
- Mounting plate
- Telescopic slide
- Locks
- Earthing cable
- 19" equipment shelf
- Patch panel and 1U fan unit
- Cable organizer

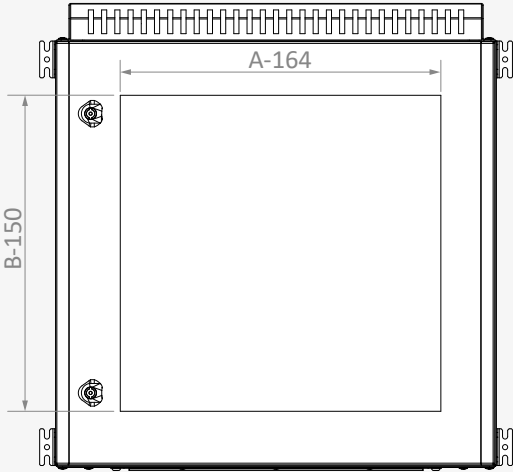


Height units	Width	Height	Depth	Reference	Lock	Hinge	Apparent Area		Wall Mounting		Weight
	A	B	C				↔	↕	↔	↕	
U*	mm	mm	mm		pcs	pcs	mm	mm	mm	mm	kg
7 U	600	360	400	MR 060740	1	2	436	210	624	318	16.5
9 U	600	445	400	MR 060940	1	2	436	295	624	403	19.0
12 U	600	580	400	MR 061240	2	2	436	430	624	538	22.5
18 U	600	845	400	MR 061840	2	3	436	695	624	803	28.5
26 U	600	1200	400	MR 062640	2	4	436	1050	624	1158	36.5

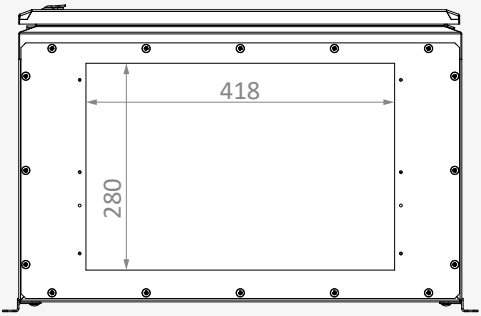
* 1U = 44.45 mm



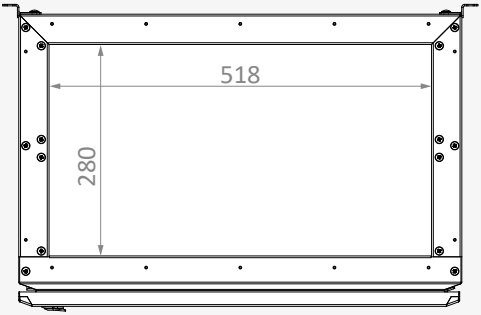
GLAZED DOOR APPARENT AREA



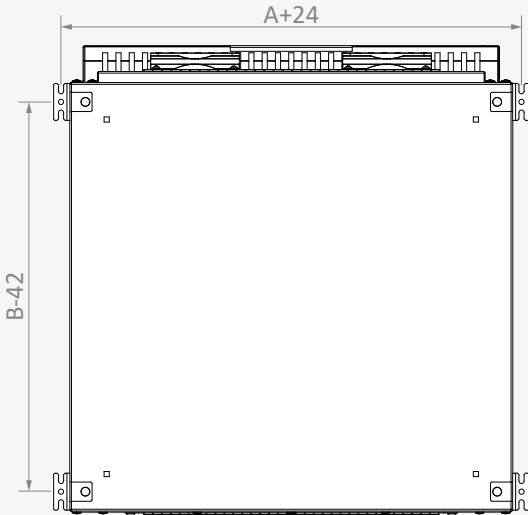
BOTTOM OPENING



TOP OPENING



WALL MOUNTING



Characteristics

Material

Sheet Steel (EN 10130 DC01)

■ Body : 1.5 mm

■ Panel : 1.5 mm

■ Glazed door : 2 mm

■ Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

■ 19" profile : 2 mm

Surface Finishing

■ RAL7035w powder coating

Others

■ Swing-handle polyamide lock

■ Foamed-in door PU sealing gasket



On Request

- Custom sizes
- Custom colour
- Pre-punching
- Special Racks
- Special mounting plate

Supply Includes

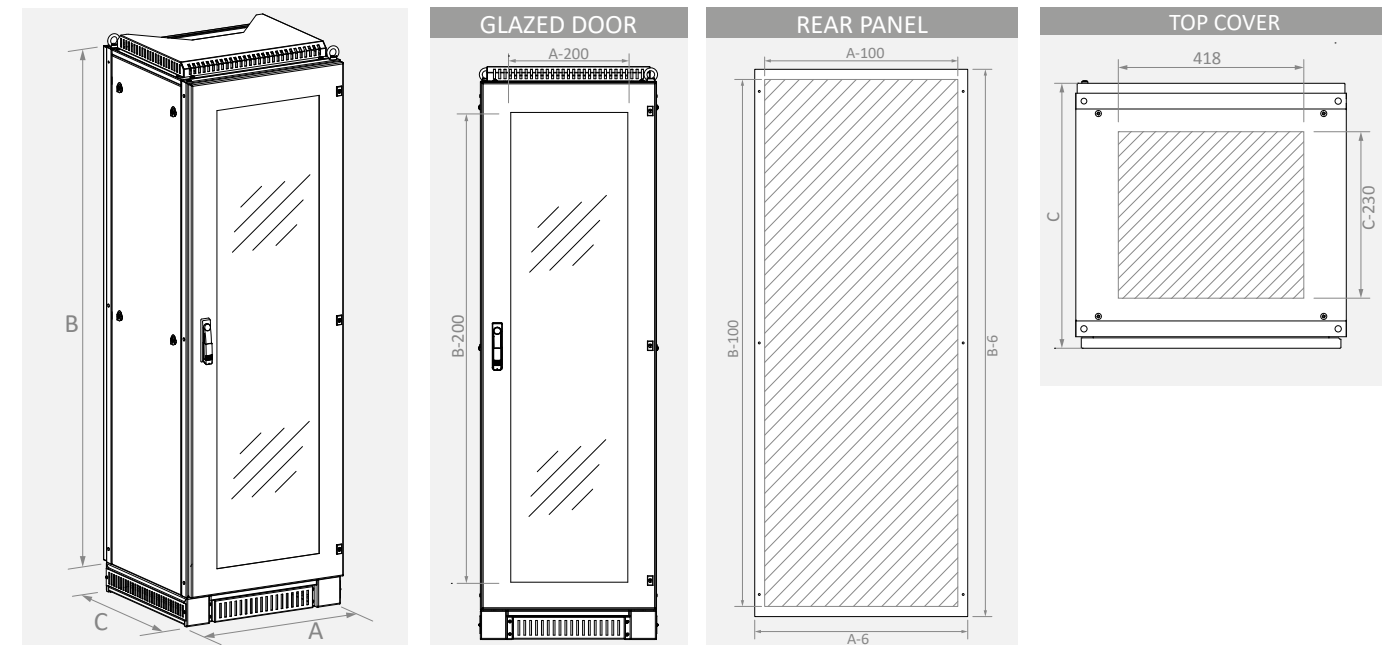
- Front and rear frame
- Glazed door and rear panel
- Removable, lockable side panels
- 4 pcs depth adjustable 19" profiles
- 4/6 pcs cable clamp profile
- Top cover with perforated & brushed cover plates
- Vented dust protection hood
- 100 mm perforated plinth with perforated & brushed cover plates

Complementary Accessories

- Perforated / solid front-rear door
- Levelling feet
- Castor
- Top and bottom filter fitted, fan fitted cover plates
- Power distribution unit
- 19" adjustable perforated shelf
- 19" telescopic perforated shelf
- Mounting plate
- Locks
- Earthing cable
- 19" equipment shelf
- Swing frame
- Patch panel and 1U fan unit
- Cable organizer



Height units	Width	Height	Depth	Reference	Lock	Hinge	Apparent Area		Useful Area						Weight
	A	B	C				Glazed Door		Side Panel		Rear Panel		Top Cover		
							↔	↕	↔	↕	↔	↕	↔	↗	
U	mm	mm	mm		pcs	pcs	mm	mm	mm	mm	mm	mm	mm	mm	kg
12U	600	600	600	EC 061260	1	2	400	400	325	230	500	500	550	394	50
			800	EC 061280	1	2	400	400	525	230	500	500	550	594	57.6
			1000	EC 061210	1	2	400	400	725	230	500	500	550	794	71.3
17U		800	600	EC 061760	1	2	400	600	325	430	500	700	550	394	59.9
			800	EC 061780	1	2	400	600	525	430	500	700	550	594	72.3
			1000	EC 061710	1	2	400	600	725	430	500	700	550	794	81.3
21U		1000	600	EC 062160	1	2	400	800	325	630	500	900	550	394	67.9
			800	EC 062180	1	2	400	800	525	630	500	900	550	594	81.3
			1000	EC 062110	1	2	400	800	725	630	500	900	550	794	92.7
26U		1200	600	EC 062660	1	2	400	1000	325	830	500	1100	550	394	76.8
			800	EC 062680	1	2	400	1000	525	830	500	1100	550	594	91.6
			1000	EC 062610	1	2	400	1000	725	830	500	1100	550	794	102.8
30U		1400	600	EC 063060	1	3	400	1200	325	1030	500	1300	550	394	85
			800	EC 063080	1	3	400	1200	525	1030	500	1300	550	594	100
			1000	EC 063010	1	3	400	1200	725	1030	500	1300	550	794	112
35U		1600	600	EC 063560	1	3	400	1400	325	1230	500	1500	550	394	93
			800	EC 063580	1	3	400	1400	525	1230	500	1500	550	594	109.9
			1000	EC 063510	1	3	400	1400	725	1230	500	1500	550	794	122.9
39U		1800	600	EC 063960	1	3	400	1600	325	1430	500	1700	550	394	131
			800	EC 063980	1	3	400	1600	525	1430	500	1700	550	594	144
			1000	EC 063910	1	3	400	1600	725	1430	500	1700	550	794	158
44U		2000	600	EC 064460	1	3	400	1800	325	1630	500	1900	550	394	120
			800	EC 064480	1	3	400	1800	525	1630	500	1900	550	594	128
			1000	EC 064410	1	3	400	1800	725	1630	500	1900	550	794	143
48U		2200	600	EC 064860	1	3	400	2000	325	1830	500	2100	550	394	117
			800	EC 064880	1	3	400	2000	525	1830	500	2100	550	594	142
			1000	EC 064810	1	3	400	2000	725	1830	500	2100	550	794	160
12U	800	600	600	EC 081260	1	2	600	400	325	230	700	500	750	394	62
			800	EC 081280	1	2	600	400	525	230	700	500	750	594	77
			1000	EC 081210	1	2	600	400	725	230	700	500	750	794	86
17U		800	600	EC 081760	1	2	600	600	325	430	700	700	750	394	71
			800	EC 081780	1	2	600	600	525	430	700	700	750	594	85
			1000	EC 081710	1	2	600	600	725	430	700	700	750	794	97
21U		1000	600	EC 082160	1	2	600	800	325	630	700	900	750	394	80
			800	EC 082180	1	2	600	800	525	630	700	900	750	594	94
			1000	EC 082110	1	2	600	800	725	630	700	900	750	794	108
26U		1200	600	EC 082660	1	2	600	1000	325	830	700	1100	750	394	88
			800	EC 082680	1	2	600	1000	525	830	700	1100	750	594	104
			1000	EC 082610	1	2	600	1000	725	830	700	1100	750	794	119
30U		1400	600	EC 083060	1	3	600	1200	325	1030	700	1300	750	394	97
			800	EC 083080	1	3	600	1200	525	1030	700	1300	750	594	114
			1000	EC 083010	1	3	600	1200	725	1030	700	1300	750	794	129
35U		1600	600	EC 083560	1	3	600	1400	325	1230	700	1500	750	394	106
			800	EC 083580	1	3	600	1400	525	1230	700	1500	750	594	125
			1000	EC 083510	1	3	600	1400	725	1230	700	1500	750	794	142
39U		1800	600	EC 083960	1	3	600	1600	325	1430	700	1700	750	394	143
			800	EC 083980	1	3	600	1600	525	1430	700	1700	750	594	158
			1000	EC 083910	1	3	600	1600	725	1430	700	1700	750	794	175
44U		2000	600	EC 084460	1	3	600	1800	325	1630	700	1900	750	394	124
			800	EC 084480	1	3	600	1800	525	1630	700	1900	750	594	144
			1000	EC 084410	1	3	600	1800	725	1630	700	1900	750	794	162
48U		2200	600	EC 084860	1	3	600	2000	325	1830	700	2100	750	394	133
			800	EC 084880	1	3	600	2000	525	1830	700	2100	750	594	160
			1000	EC 084810	1	3	600	2000	725	1830	700	2100	750	794	180



Characteristics

Material

- Sheet Steel (EN 10130 DC01)
- Frame : 1.5 mm
- Panel : 1.2 mm
- Glazed door : 1.5 mm
- Plinth : 1.5 - 2 mm
- Galvanized Steel (EN 10346 DX51D+Z)
- 19" profile : 2 mm

Surface Finishing

- RAL7035w powder coating

Others

- Multi purpose prime frame
- Glazed front door
- Lockable and removable rear panel
- Vented removable side panels
- Depth adjustable 19" upright profiles
- Brushed cable entry plate
- 2 pcs cable clamp profile
- Vented dust protection hood
- Optional filter or fan fitted or perforated cover plates
- Optional hinged rear panel
- Optional full length or partial swing frame

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Special mounting plate
- Special Racks



Supply Includes

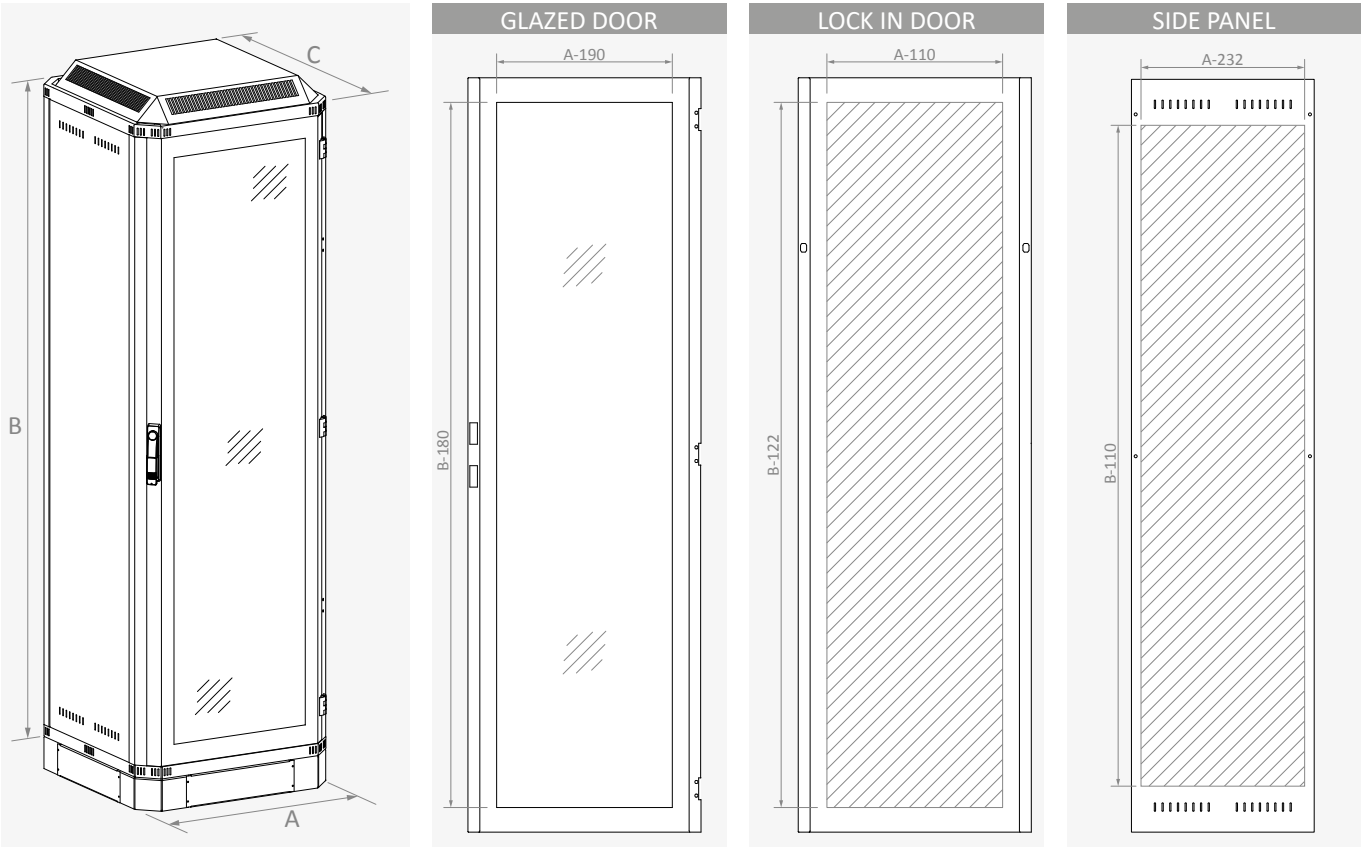
- Front and rear frame
- Glazed door
- Lockable rear panel
- Side panels
- Plinth
- Vented dust protection hood
- Depth adjustable 19" upright profiles

Complementary Accessories

- Levelling feet
- Castor
- Top protection plate
- Top and bottom partial cover plates
- Power distribution unit
- 19" pull out perforated shelf
- Cable clamp profile
- Side rail
- Mounting plate
- Telescopic slide
- Locks
- Earthing cable
- 19" equipment shelf
- Swing frame
- Patch panel and 1U fan unit
- Cable organizer

Height units	Width	Height	Depth	Reference	Lock	Hinge	Apparent Area		Useful Area						Weight
	A	B	C						Side Panel		Lock In Doors		Top		
	U*	mm	mm		mm	pcs	pcs	↔ mm	↕ mm	↕ mm	↗ mm	↔ mm	↕ mm	↔ mm	
26 U	600	1250	600	PEC 062606	1	3	410	1070	1140	368	490	1128	368	303	63
			800	PEC 062608	1	3	410	1070	1140	568	490	1128	368	503	75
			1000	PEC 062610	1	3	410	1070	1140	768	490	1128	368	703	89
32 U		1515	600	PEC 063206	1	3	410	1335	1407	368	490	1393	368	303	72
			800	PEC 063208	1	3	410	1335	1407	568	490	1393	368	503	85
			1000	PEC 063210	1	3	410	1335	1407	768	490	1393	368	703	97
39 U		1825	600	PEC 063906	1	3	410	1642	1718	368	490	1703	368	303	82
			800	PEC 063908	1	3	410	1642	1718	568	490	1703	368	503	96
			1000	PEC 063910	1	3	410	1642	1718	768	490	1703	368	703	110
43 U		2000	600	PEC 064306	1	3	410	1820	1896	368	490	1878	368	303	88
			800	PEC 064308	1	3	410	1820	1896	568	490	1878	368	503	103
			1000	PEC 064310	1	3	410	1820	1896	768	490	1878	368	703	117
47 U		2180	600	PEC 064706	1	3	410	2000	2074	368	490	2058	368	303	93
			800	PEC 064708	1	3	410	2000	2074	568	490	2058	368	503	108
			1000	PEC 064710	1	3	410	2000	2074	768	490	2058	368	703	124
26 U	800	1250	600	PEC 082606	1	3	610	1070	1140	368	690	1128	368	303	76
			800	PEC 082608	1	3	610	1070	1140	568	690	1128	368	503	89
32 U		1515	600	PEC 083206	1	3	610	1335	1407	368	690	1393	368	303	86
			800	PEC 083208	1	3	610	1335	1407	568	690	1393	368	503	99
39 U		1825	600	PEC 083906	1	3	610	1645	1718	368	690	1703	368	303	97
			800	PEC 083908	1	3	610	1645	1718	568	690	1703	368	503	112
43 U		2000	600	PEC 084306	1	3	610	1820	1896	368	690	1878	368	303	104
			800	PEC 084308	1	3	610	1820	1896	568	690	1878	368	503	119
47 U		2180	600	PEC 084706	1	3	610	2000	2074	368	690	2058	368	303	110
			800	PEC 084708	1	3	610	2000	2074	568	690	2058	368	503	125

* 1U = 44.45 mm



Characteristics

- Material**
- Sheet Steel (EN 10130 DC01)
 - Body : 1.2 / 1.5 mm
 - Door : 2 mm
 - Plinth : 2 mm
 - Galvanized Steel (EN 10346 DX51D+Z)
 - Mounting plate : 2 mm
- Surface Finishing**
- RAL7035w powder coating
- IP Rating**
- IP54 (TS 3033, EN 60529) (PT)
- Others**
- Foamed-in door PU sealing gasket
 - Removable rear panel
 - Depth adjustable mounting plate
 - Top lid stopper
 - Facility for double mounting plate

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Special mounting plate



Supply Includes

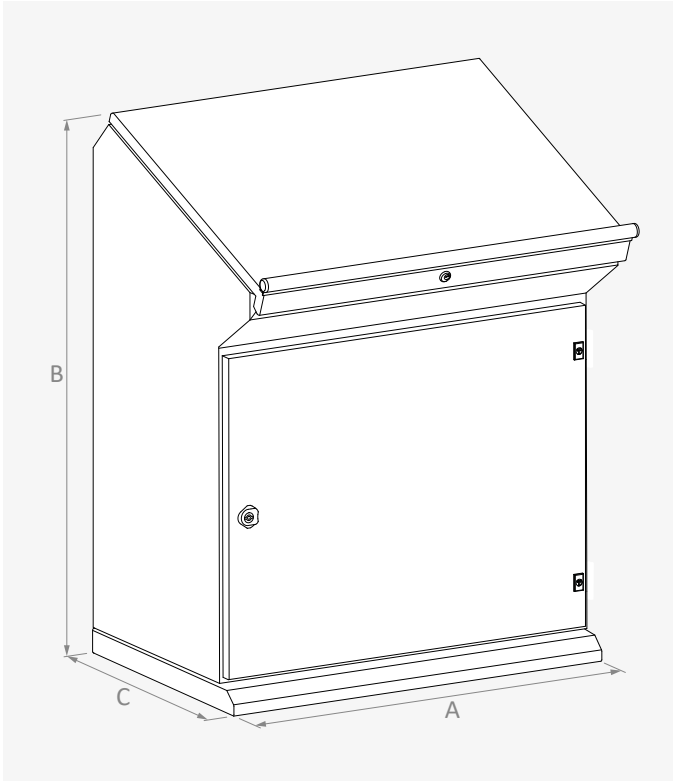
- Body
- Door and lids
- Plinth
- Mounting plate
- 4 pcs side rails

Complementary Accessories

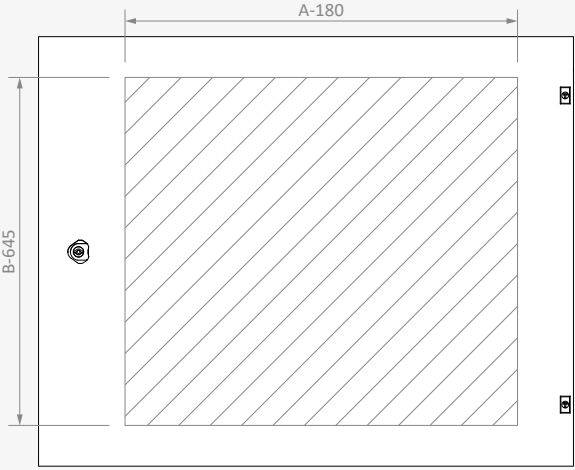
- Door inside mounting profile
- Plan pocket
- Earthing cable
- Handle



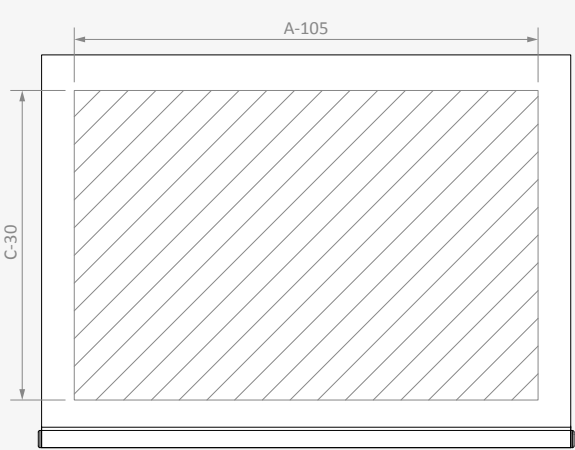
Width	Height	Depth	Reference	Lower Door	Removable Rear Panel	Useful Area						Mounting Plate		Weight
						Top Lid		Lower Door		Rear Panel				
						↔	↕	↔	↕	↔	↕	↔	↕	
A	B	C		pcs	pcs	mm	mm	mm	mm	mm	mm	mm	mm	
600	1065	400	PT 061040	1	1	495	370	420	420	500	790	500	800	49.8
		500	PT 061050	1	1	495	470	420	420	500	790	500	800	54.7
800	1065	500	PT 081050	1	1	695	470	620	420	700	790	700	800	65.0
		600	PT 081060	1	1	695	570	620	420	700	790	700	800	69.8
1000	1065	500	PT 101050	2	1	895	470	320 + 320	420	900	790	900	800	75.6
		600	PT 101060	2	1	895	570	320 + 320	420	900	790	900	800	81.2
1200	1065	600	PT 121060	2	1	1095	570	420 + 420	420	1100	790	1100	800	91.6



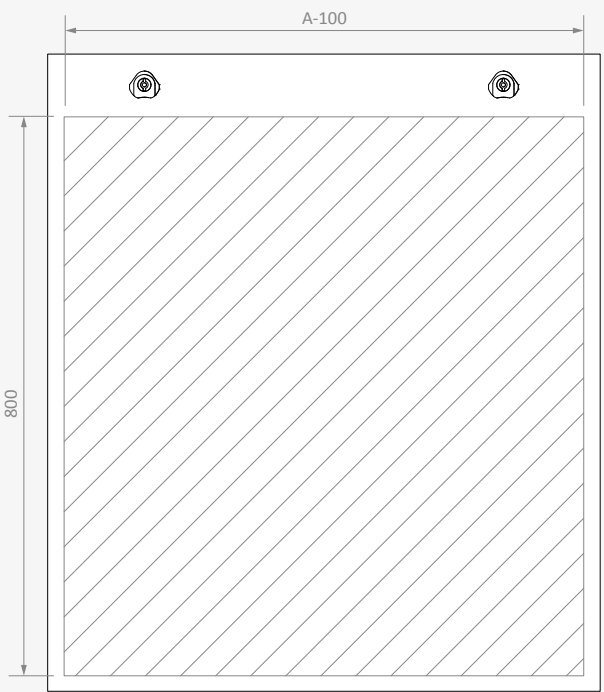
LOWER DOOR USEFUL AREA



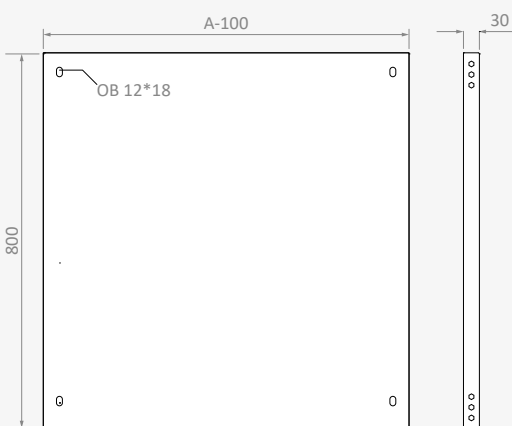
TOP LID USEFUL AREA



REAR PANEL USEFUL AREA



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)

■ Body : 1.2 / 1.5 mm

■ Door : 1.5 mm

■ Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

■ Mounting plate : 2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

■ IP55 (TS 3033, EN 60529) (PTE)

Others

■ Foamed-in door PU sealing gasket

■ Top lid stopper



On Request

■ Custom sizes

■ Custom colour

■ Pre-punching

■ Special mounting plate



Supply Includes

■ Body

■ Door and lids

■ Mounting plate

Complementary Accessories

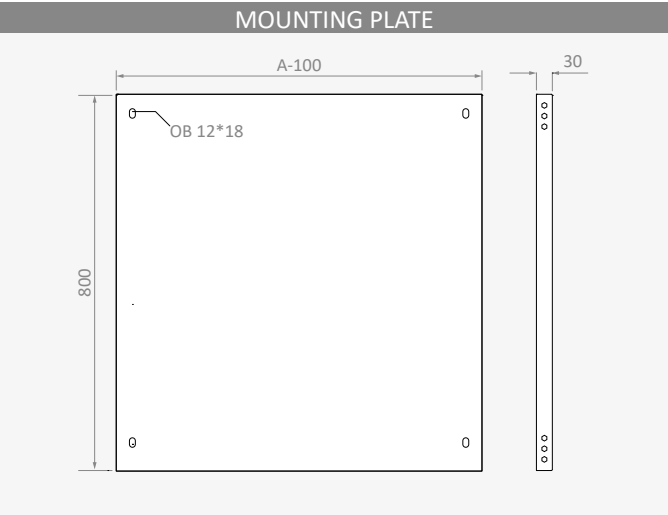
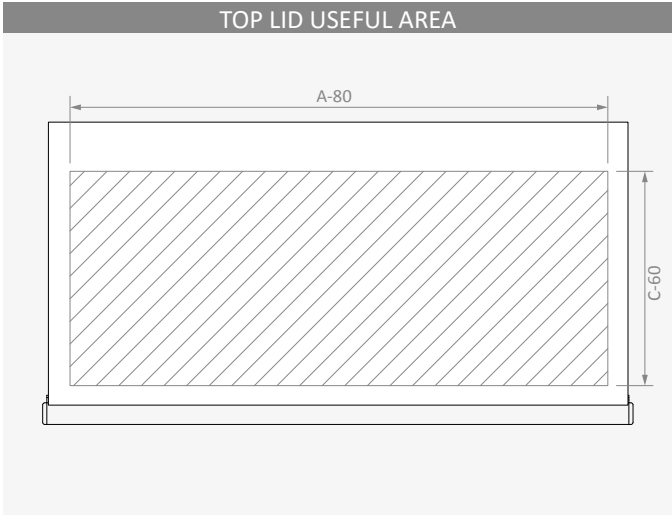
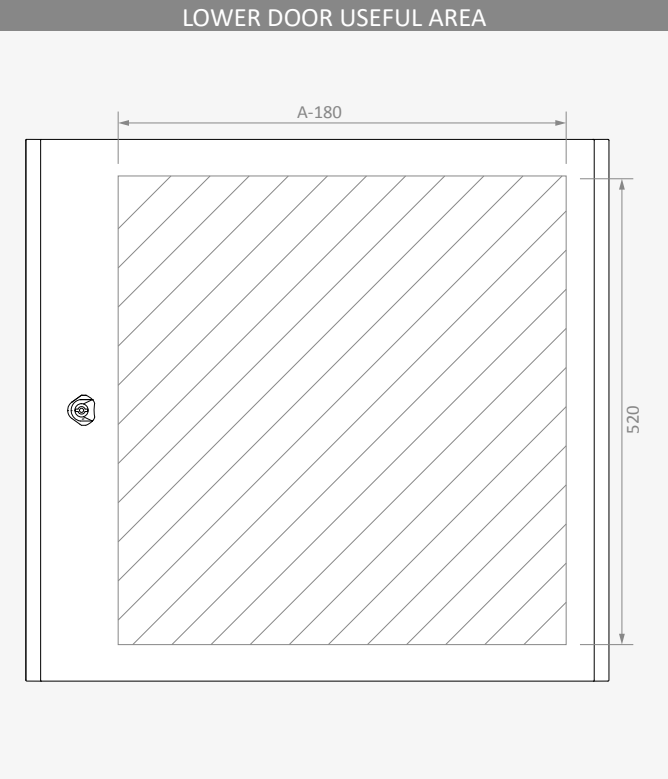
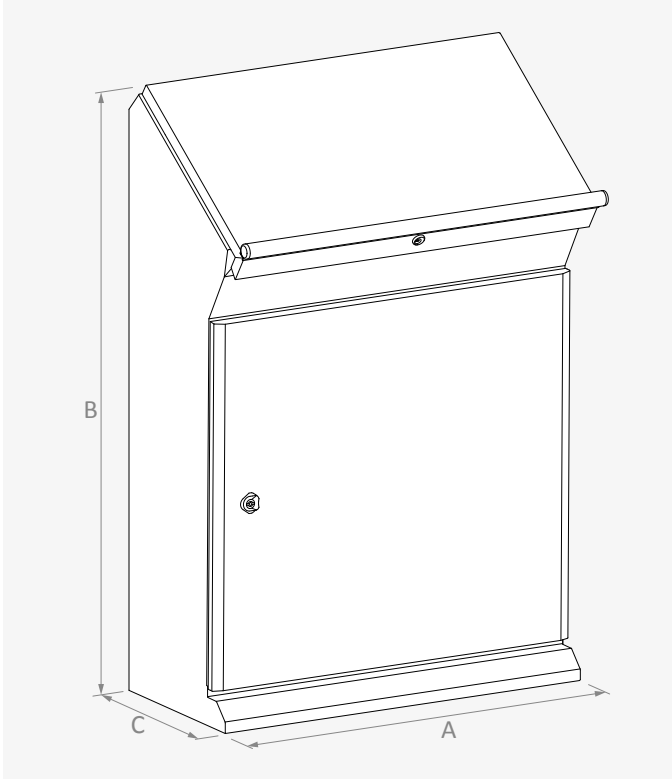
■ Door inside mounting profile

■ Plan pocket

■ Earthing cable

■ Handle

Width	Height	Depth	Reference	Lower Door	Useful Area				Mounting Plate		Weight
A	B	C			Top Lid		Lower Door				
↔	↕			↔	↕	↔	↕	↔	↕		
mm	mm	mm		pcs	mm	mm	mm	mm	mm	mm	kg
500	1065	330	PTE 051033	1	420	270	320	520	400	800	29.7
600	1065	330	PTE 061033	1	520	270	420	520	500	800	24.8
700	1065	330	PTE 071033	1	620	270	520	520	600	800	39.9



Characteristics

Material

Sheet Steel (EN 10130 DC01 CCRS)

■ Body : 1.5 mm

■ Door : 2 mm

■ Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

■ Mounting plate : 2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

■ IP54 (TS 3033, EN 60529)

Others

■ Foamed-in door PU sealing gasket

■ 150° opening front door

■ Removable lower side panels

■ Depth adjustable mounting plate

■ Facility for double mounting plate

On Request

■ Custom sizes

■ Custom colour

■ Pre-punching

■ Special mounting plate



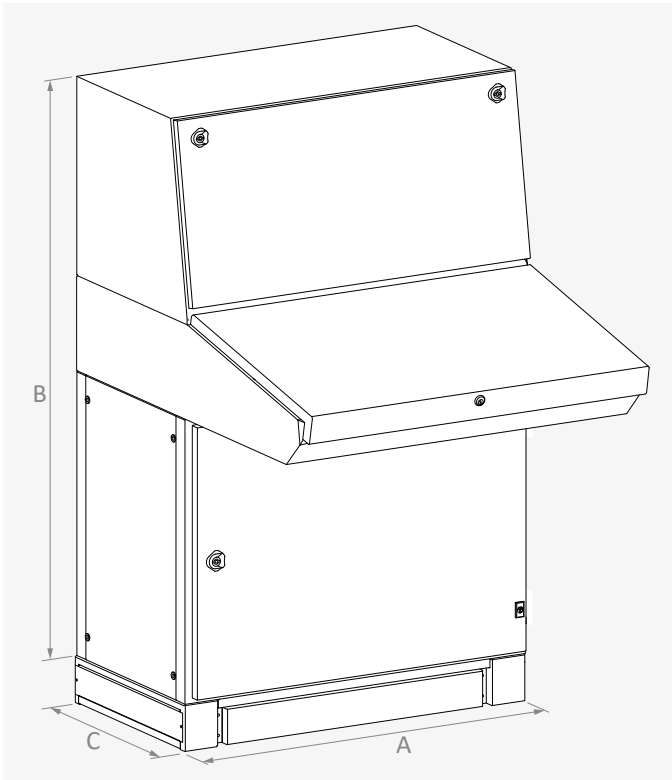
Supply Includes

- Body
- Door and lids
- Mounting plate (Bottom)
- Plinth
- 4 pcs side rails

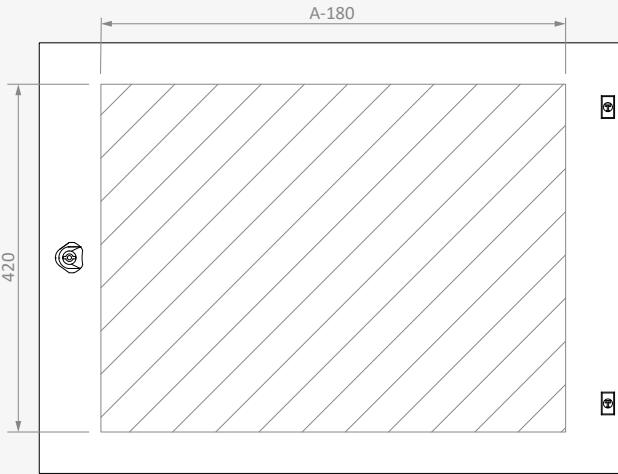
Complementary Accessories

- Door inside mounting profile
- Plan pocket
- Earthing cable
- Top mounting plate
- Handle

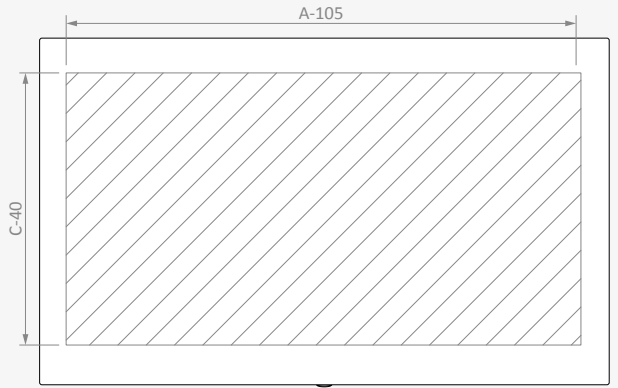
Width	Height	Depth	Reference	Lower Door	Removable Rear Panel	Useful Area						Mounting Plate		Weight
						Top Lid		Middle Lid		Lower Door				
						↔	↕	↔	↗	↔	↕	↔	↕	
A	B	C		pcs	pcs	mm	mm	mm	mm	mm	mm	mm	mm	
600	1320	400	PY 061340	1	1	500	265	495	360	420	420	500	800	68.6
800	1320	400	PY 081340	1	1	700	265	695	360	620	420	700	800	85.3
1200	1320	500	PY 121350	2	1	1100	265	1095	460	420 + 420	420	1100	800	122.2



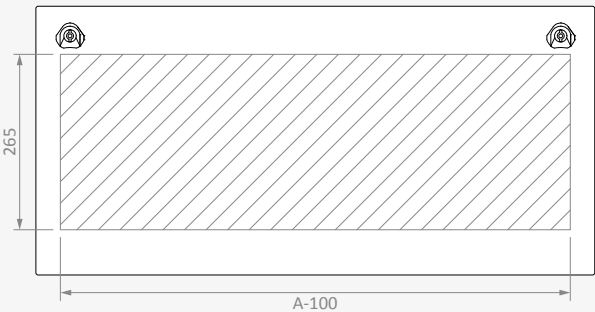
LOWER DOOR USEFUL AREA



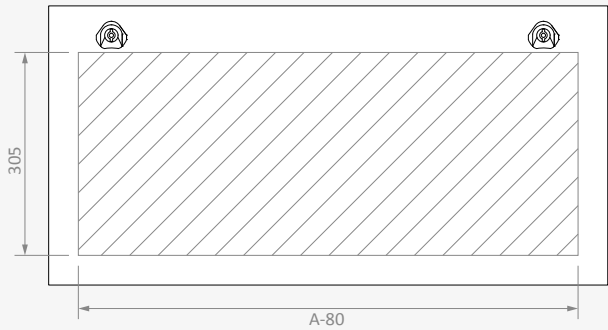
MIDDLE LID USEFUL AREA



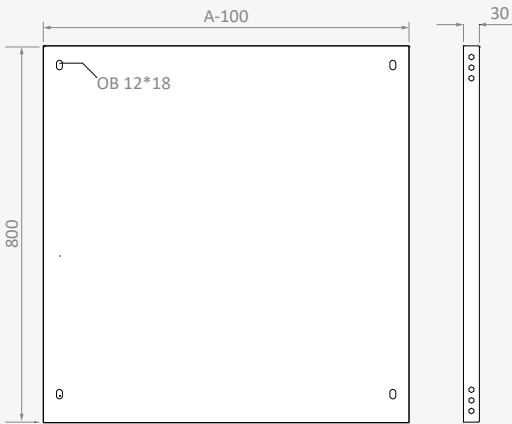
TOP LID USEFUL AREA



TOP REAR PANEL USEFUL AREA



MOUNTING PLATE

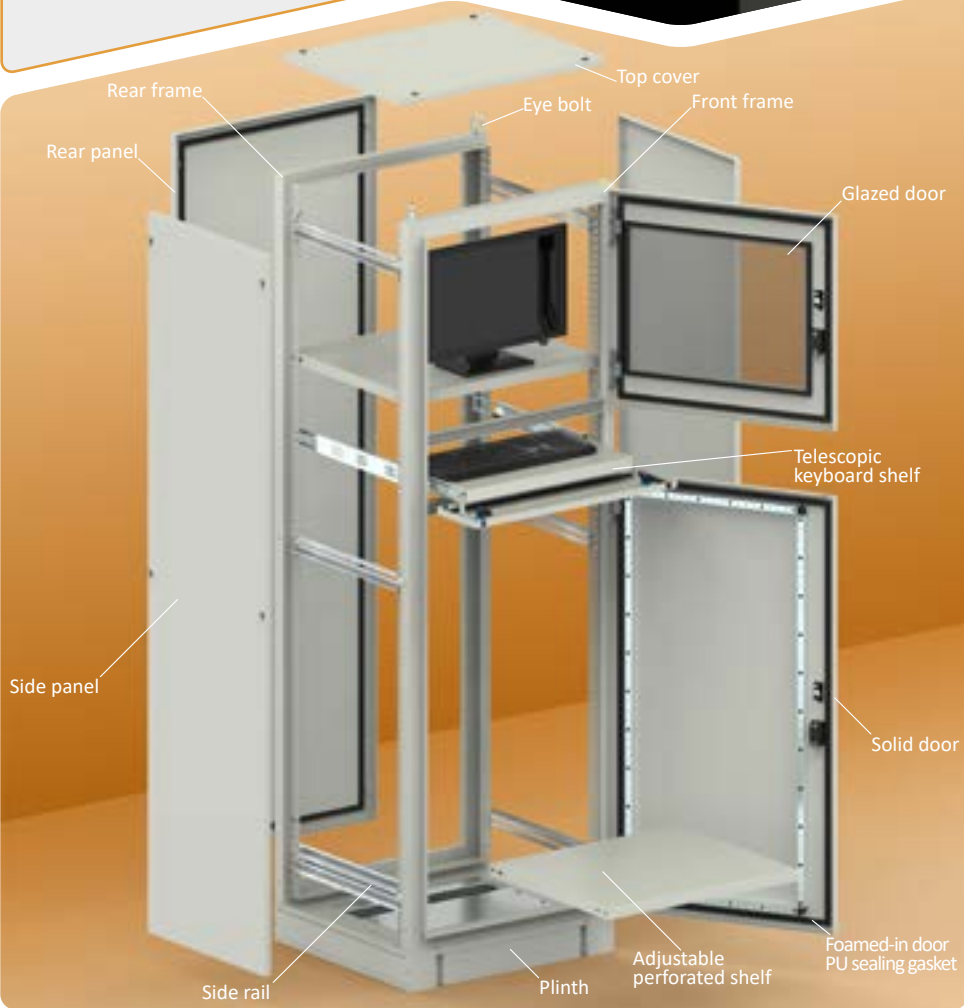


Characteristics

- Material**
- Sheet Steel (EN 10130 DC01)
 - Body : 1.5 mm
 - Door : 2 mm
- Surface Finishing**
- RAL7035w powder coating
- IP Rating**
- IP54 (TS 3033, EN 60529)
- Others**
- Glazed door for monitor viewing
 - Swing-handle polyamide lock
 - Foamed-in door PU sealing gasket
 - Adjustable monitor shelf
 - Lockable folding keyboard panel

On Request

- Custom sizes
- Custom colour
- Pre-punching



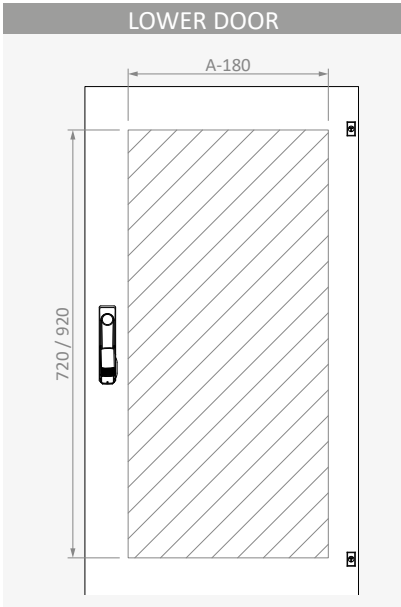
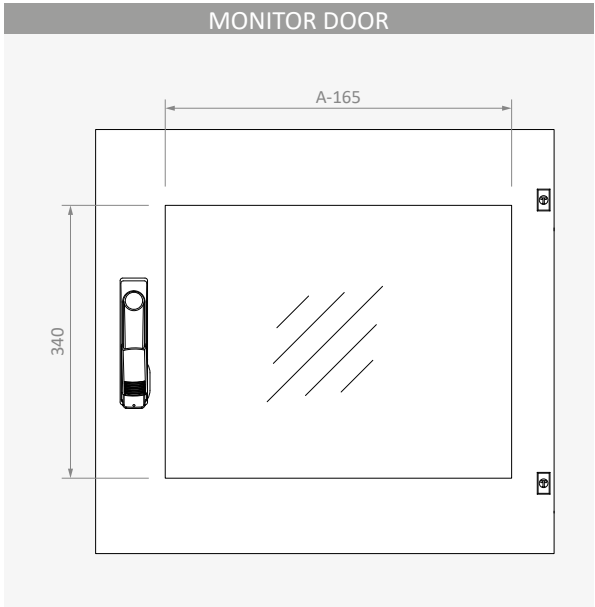
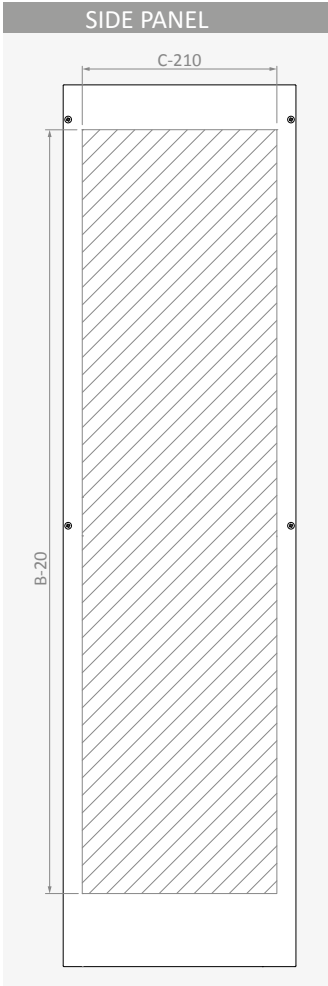
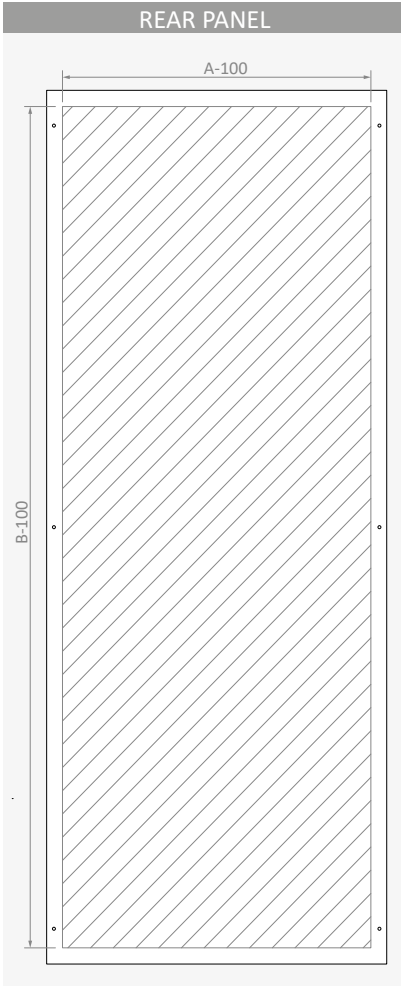
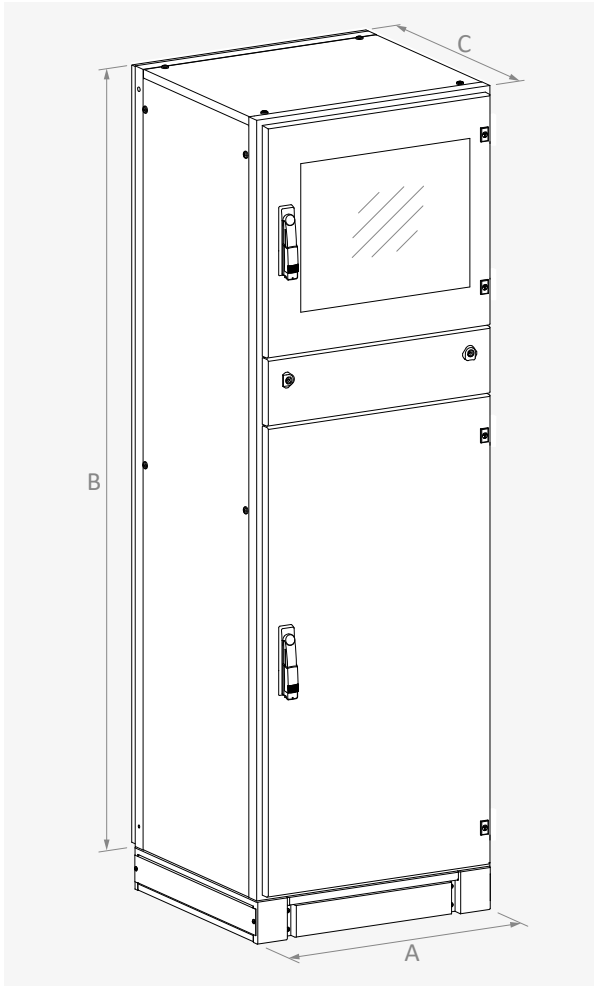
Supply Includes

- Body
- Doors
- Side panels
- Rear panel
- 6 pcs side rails
- Plinth

Complementary Accessories

- Adjustable perforated shelf
- Pull out telescopic perforated shelf
- Power distribution unit
- Plan pocket
- Castor
- Earthing cable

Width	Height	Depth	Reference	Door	Glazed Door	Hinge	Useful Area						Apparent Area		Weight
A	B	C					Lower Door		Rear panel		Side Panel		Monitor Door		
mm	mm	mm		pcs	Y / N	pcs	↔ mm	↕ mm	↔ mm	↕ mm	↗ mm	↕ mm	↔ mm	↕ mm	
600	1600	600	PC 061660	2	✓	4	420	720	500	1500	390	1580	435	300	85
	1800	600	PC 061860	2	✓	4	420	920	500	1700	390	1780	435	300	96
		800	PC 061880	2	✓	4	420	920	500	1700	590	1780	435	300	109
800	1600	600	PC 081660	2	✓	4	620	720	700	1500	390	1580	635	300	97
	1800	600	PC 081860	2	✓	4	620	920	700	1700	390	1780	635	300	110
		800	PC 081880	2	✓	4	620	920	700	1700	590	1780	635	300	123



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Frame : 1.5 mm
- Door : 1.5 mm
- Plinth : 2 mm

Surface Finishing

- RAL7035w powder coating

Others

- Multi purpose prime frame
- Glazed security door for monitor viewing
- Lockable folding keyboard panel
- Lockable and removable rear panel
- Vented removable side panels
- Adjustable monitor shelf
- Vented dust protection hood
- Optional hinged rear door
- Optional filter or fan fitted, brushed cable entry or perforated cover plates

On Request

- Custom sizes
- Custom colour
- Pre-punching
- Special mounting plate
- Special Racks



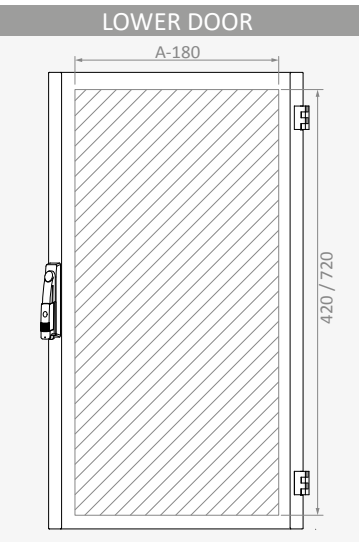
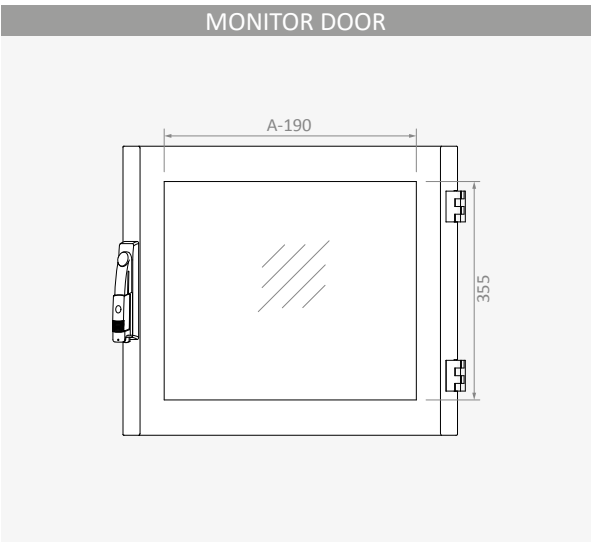
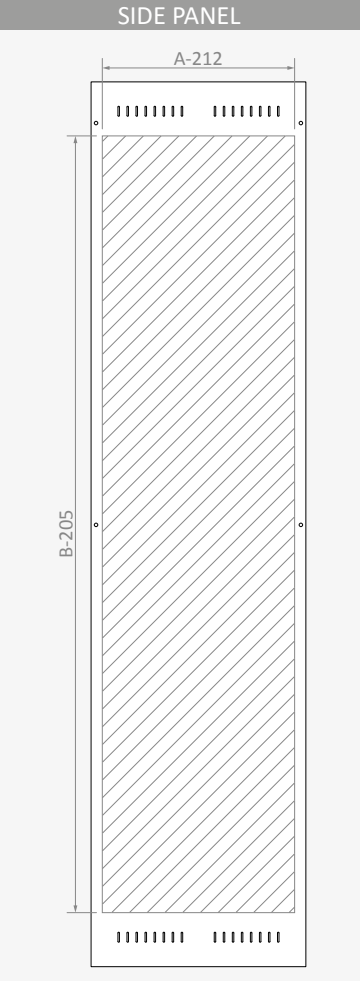
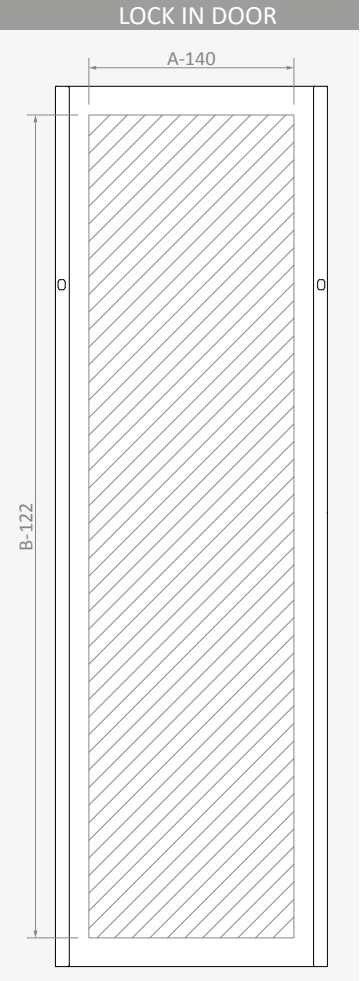
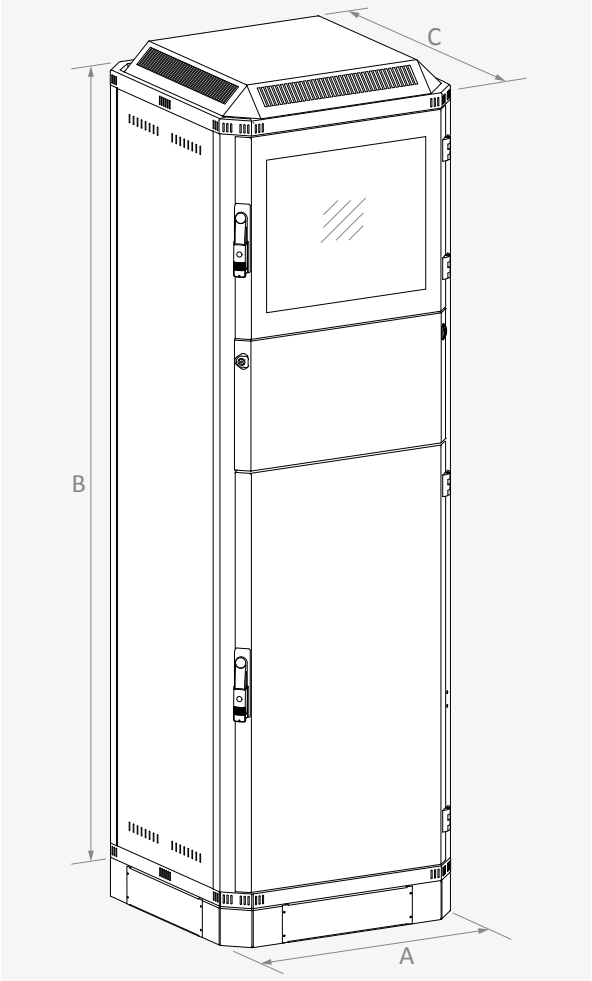
Supply Includes

- Front and rear frame
- Door and rear panel
- Plinth
- Side panels
- Vented dust protection hood

Complementary Accessories

- Levelling feet
- Castor
- Top protection plate
- Top and bottom partial cover plates
- Power distribution unit
- Pull out printer shelf
- Adjustable perforated shelf
- Pull out perforated shelf
- Cable clamp profile
- Side rail
- Plan pocket
- Locks
- Earthing cable

Width	Height	Depth	Reference	Apparent Area		Useful Area					
				Monitor Door		Lower Door		Side Panel		Lock In Door	
				↔ mm	↕ mm	↔ mm	↕ mm	↕ mm	↗ mm	↔ mm	↕ mm
600	850	600	PPC 060806	410	355	--	--	742	388	460	728
	1515	600	PPC 061506	410	355	420	420	1320	388	460	1393
	1825	600	PPC 061806	410	355	420	720	1620	388	460	1703
	1825	800	PPC 061808	410	355	420	720	1620	588	460	1703
800	850	600	PPC 080806	610	355	--	--	742	388	660	728
	1515	600	PPC 081506	610	355	620	420	1320	388	660	1393
	1825	600	PPC 081806	610	355	620	720	1620	388	660	1703
	1825	800	PPC 081808	610	355	620	720	1620	588	660	1703



Characteristics

Material

Sheet Steel (EN 10130 DC01 CCRS)

■ Body : 1.2 mm

■ Door : 1.2 mm

Surface Finishing

■ RAL7035w powder coating

IP Rating

■ IP55 (TS 3033, EN 60529)

Others

■ Left and right handles

■ Foamed-in rear door PU sealing gasket

■ Hinged lockable rear door

■ Top cable entry

On Request

■ Custom sizes

■ Special mounting plate

■ Pre-punching



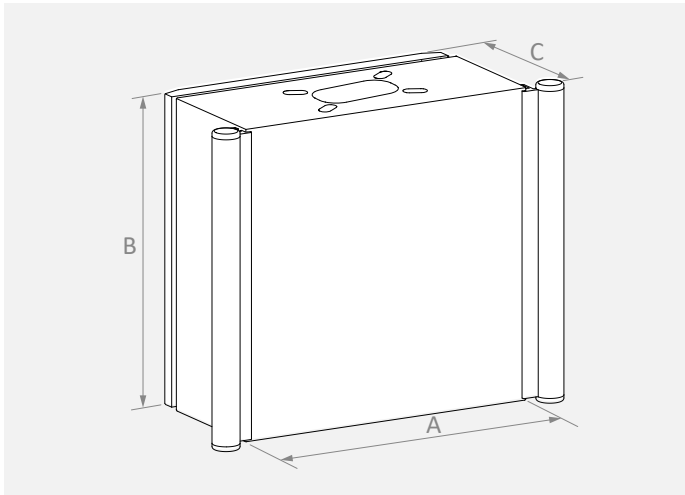
Supply Includes

- Body
- Lockable rear door
- Handles

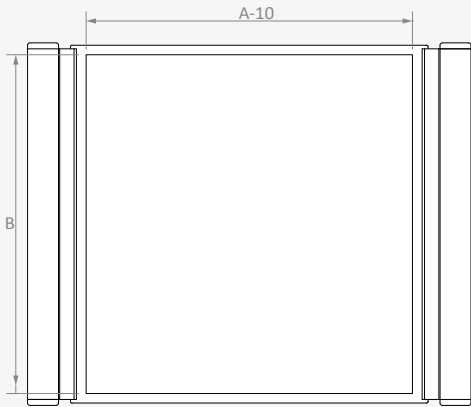
Complementary Accessories

- Earthing cable
- DIN rail

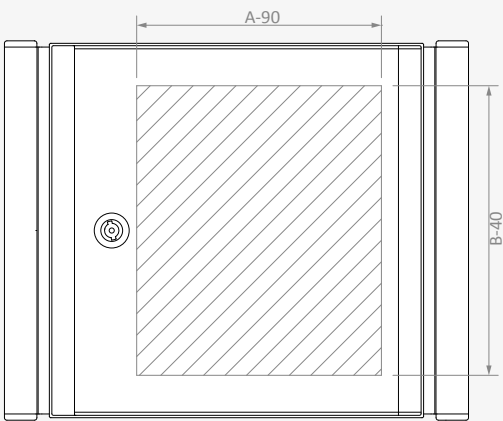
Width	Height	Depth	Reference	Useful Area		Rear Door		Front Useful Area		Support Arm System Connection	
				Side		↔ mm	↕ mm	↔ mm	↕ mm	↔ mm	↕ mm
A	B	C		↕ mm	↗ mm						
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm
300	300	160	KPA 030316	300	117	210	260	290	300	90	51.5
	400	160	KPA 030416	400	117	210	360	290	400	90	51.5
400	400	160	KPA 040416	400	117	310	360	390	400	90	51.5
	500	160	KPA 040516	500	117	310	460	390	500	90	51.5
500	500	160	KPA 050516	500	117	410	460	490	500	90	51.5



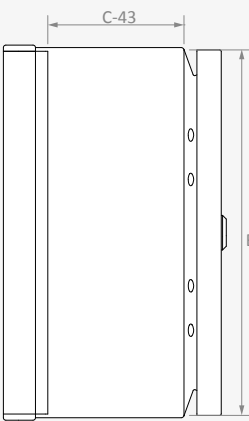
FRONT USEFUL AREA



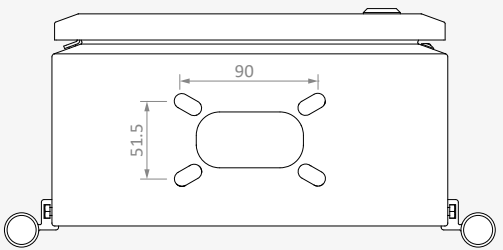
DOOR USEFUL AREA



SIDE USEFUL AREA



SUPPORT ARM SYSTEM CONNECTION

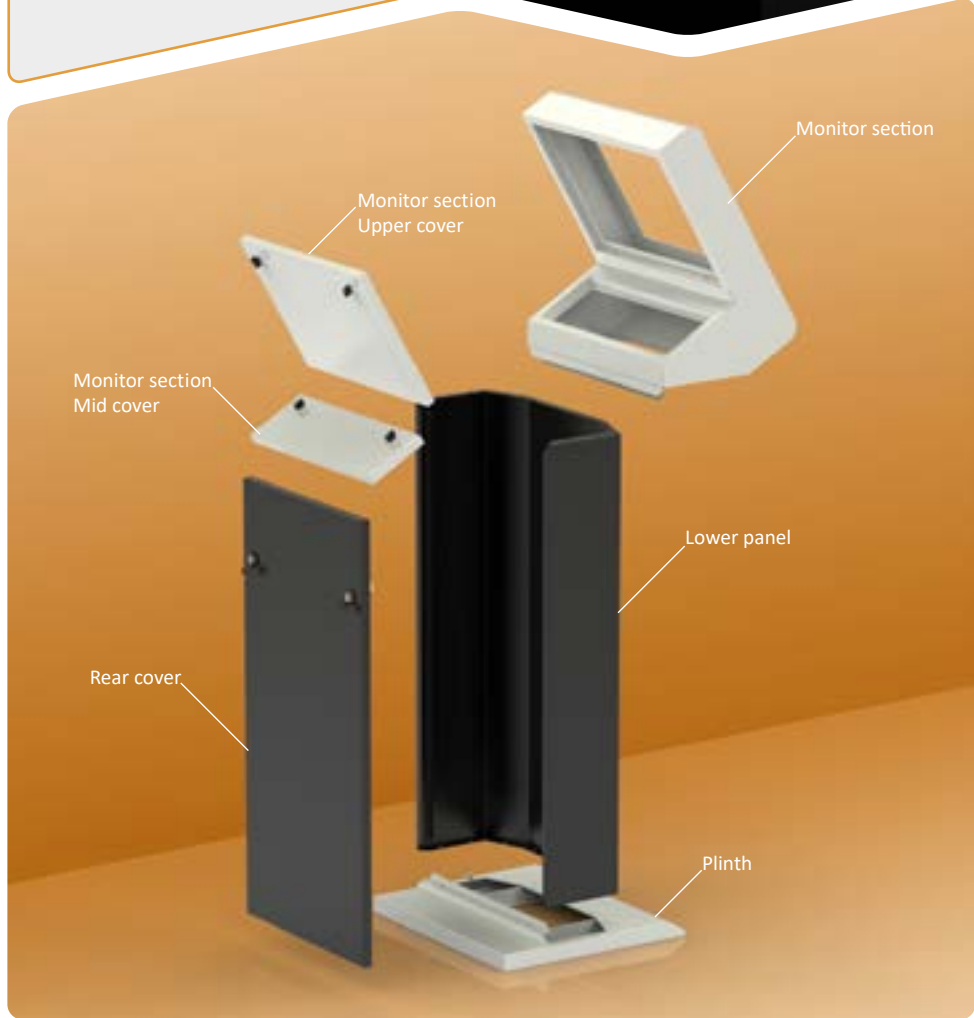


Characteristics

- Material**
- Sheet Steel (EN 10130 DC01)
 - Body : 1.5 mm
 - Plinth : 2 mm
 - Galvanized Steel (EN 10346 DX51D+Z)
 - Mounting plate : 2 mm
- Surface Finishing**
- RAL7035w / RAL9005w powder coating
- Others**
- PC and UPS can be placed in lower compartment
 - Rear panel for easy access
 - Monitor section with removable rear panel
 - Monitor / security glass can be placed
 - Cable entry through the plinth facilities

On Request

- Custom sizes
- Custom colour
- Pre-punching



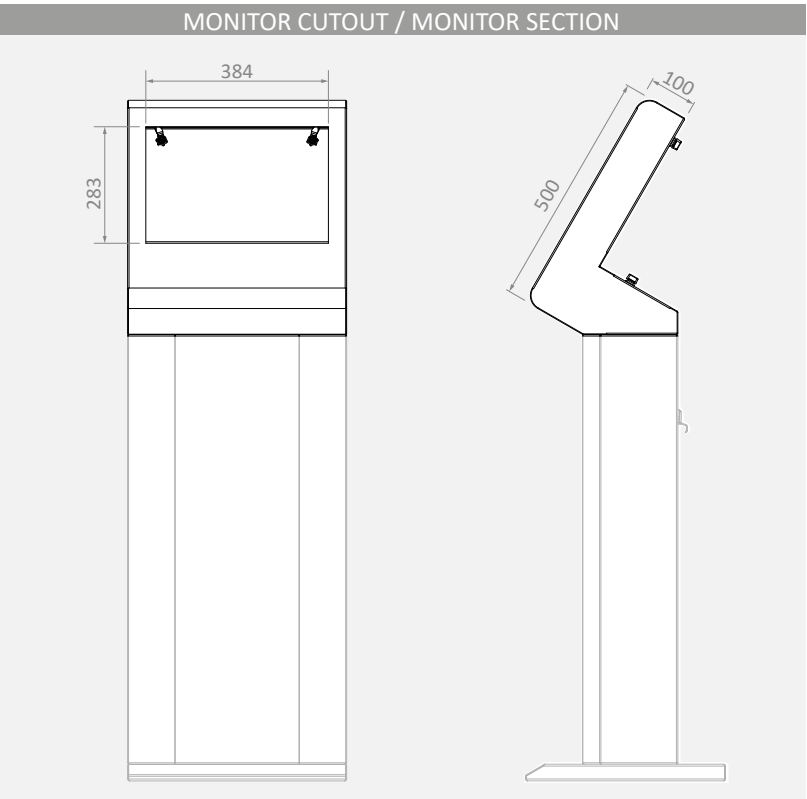
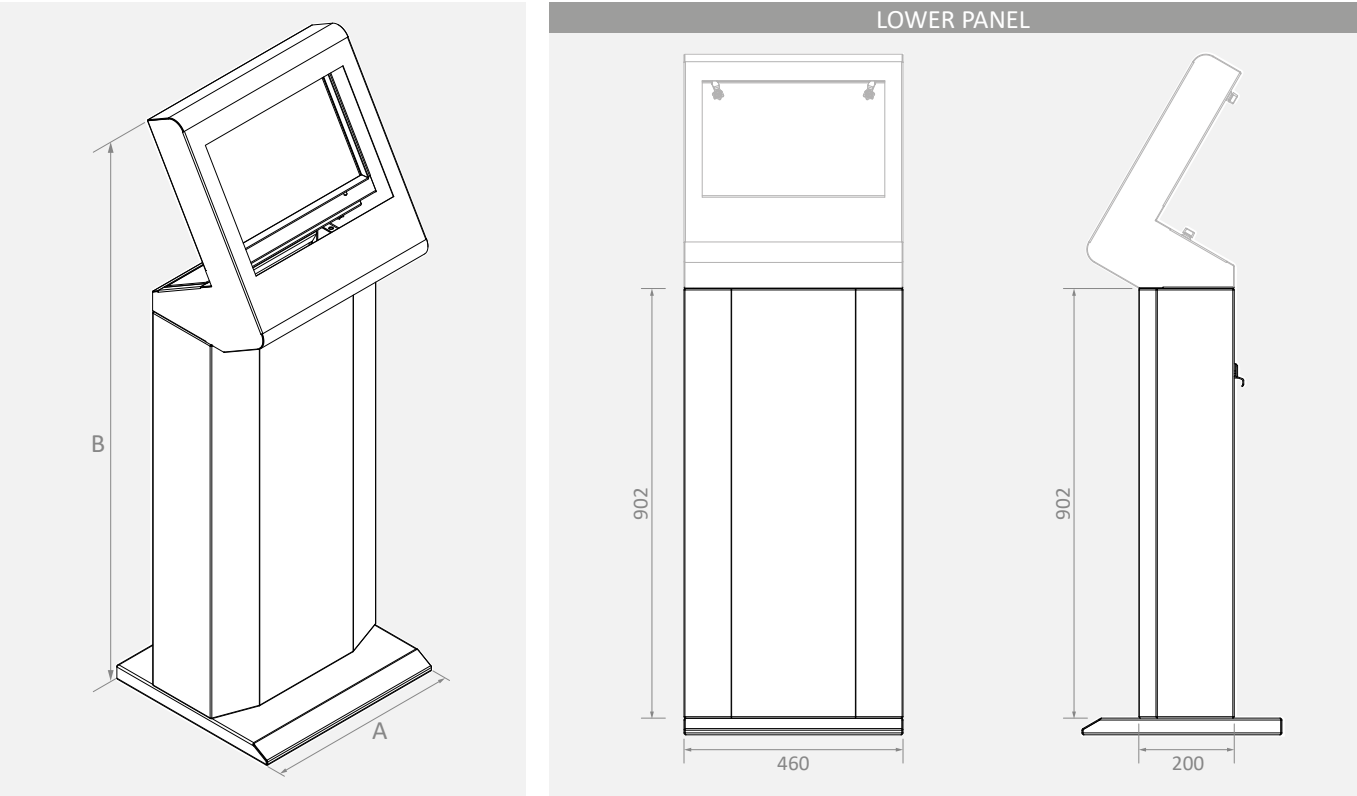
Supply Includes

- Lower compartment
- Monitor section
- Plinth

Complementary Accessories

- Mounting plate
- DIN rail
- Earthing cable

Width	Height	Reference	Dimensions						Monitor Cutout	
A	B		Lower Panel			Monitor Section				
mm	mm		↔ mm	↕ mm	↗ mm	↔ mm	↕ mm	↗ mm	↔ mm	↕ mm
460	1430	KSK 461420	460	902	200	460	500	100	384	283



Characteristics

Material

- AL 4600 Series

Surface Finishing

- RAL7035

On Request

- Custom sizes
- Custom colour

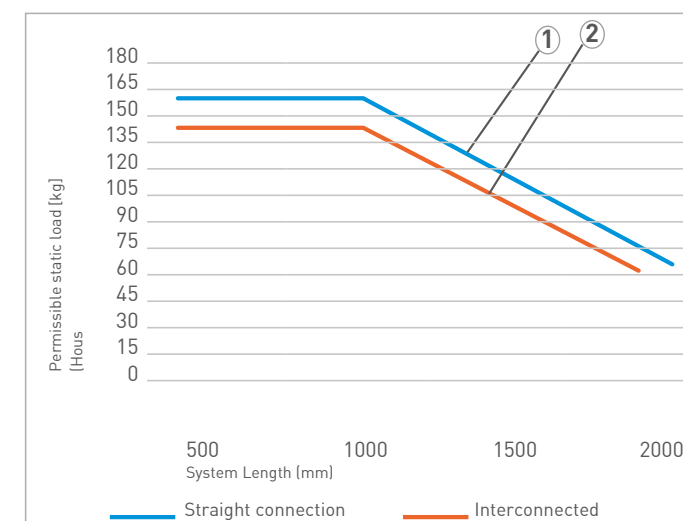


Advantages

- A single system with three combinable cross-sections
- Sleek design with full functionality
- High stability for all load levels up to 150 kg
- Versatile combination options
- Cost-effective and lightweight vertical axis adjustments
- Simple and consistent adjustment mechanism
- Compatible components suitable for almost any application
- Adjustable range of rotation limits
- Easy installation
- Support arm sections can be easily cut to the desired length
- Thread-free mounting with self-tapping screws

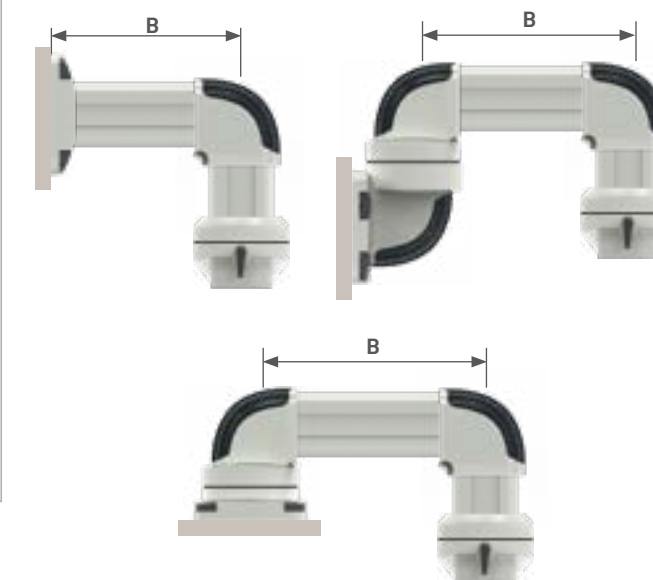
TP150 System Load Capacity

Permissible load depending on system configuration



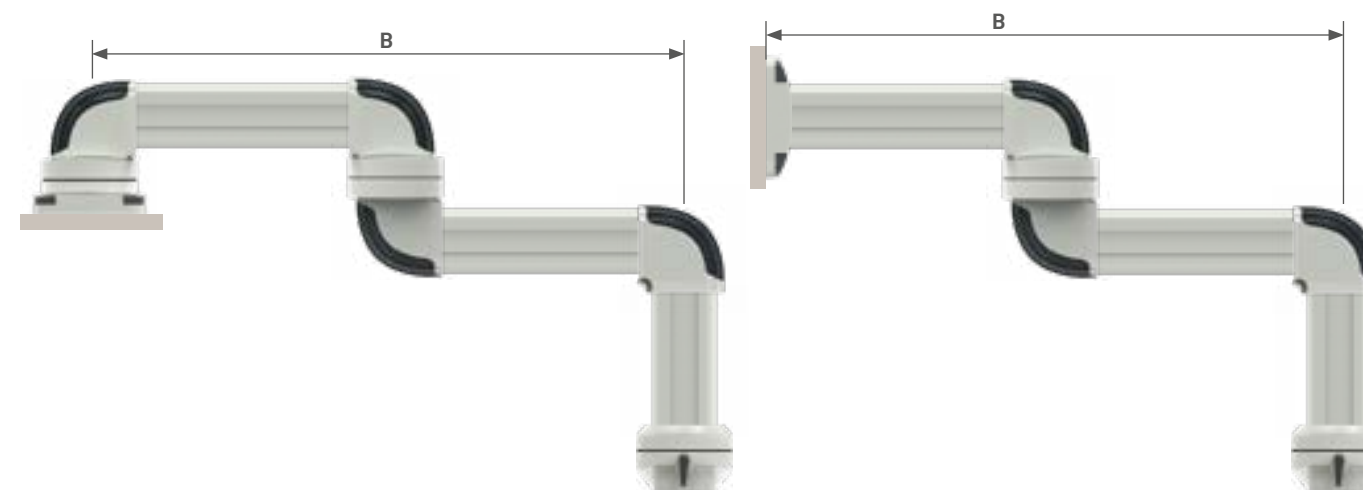
① System configuration without intermediate connection

Ⓑ max = 2000mm



② System configuration with intermediate connection

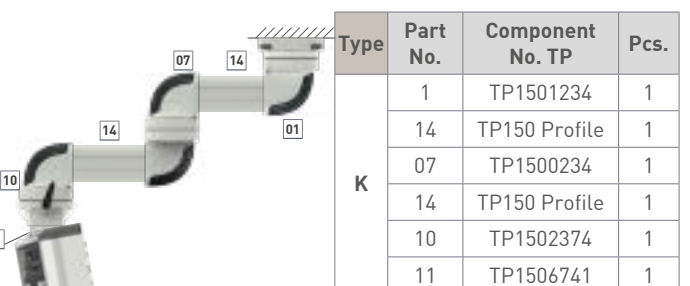
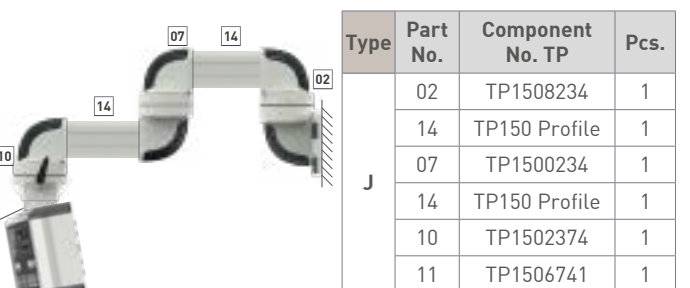
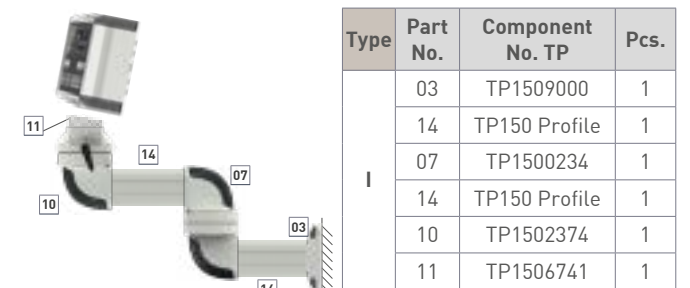
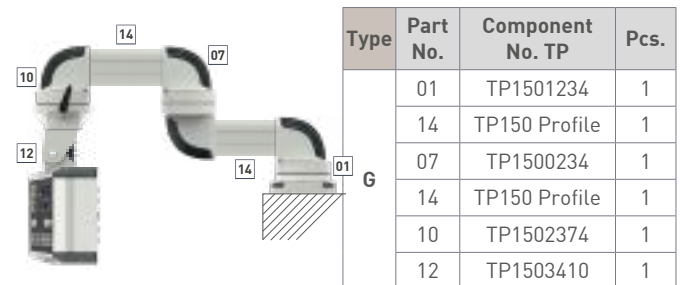
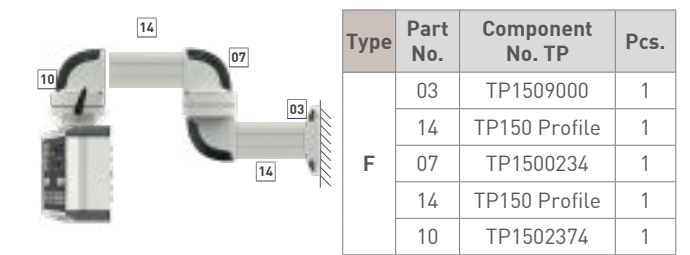
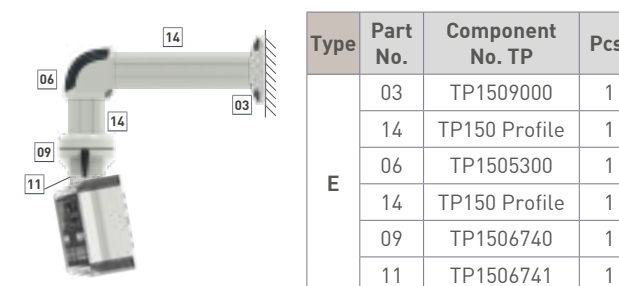
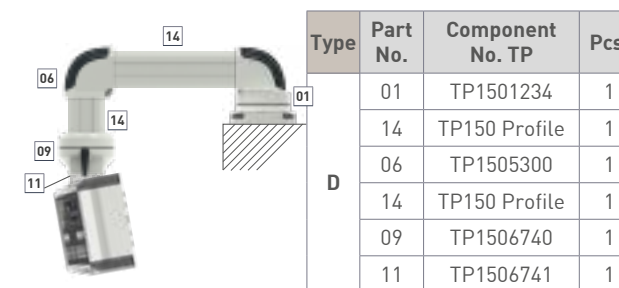
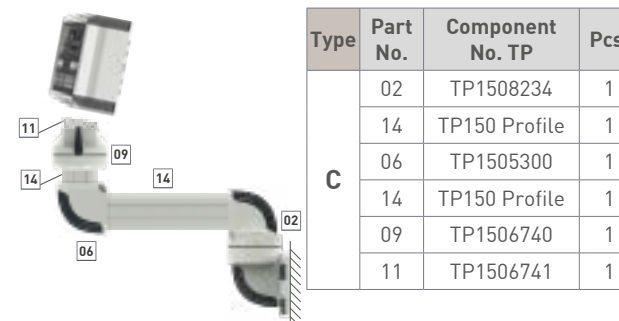
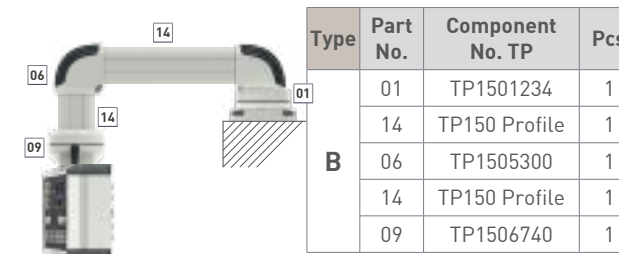
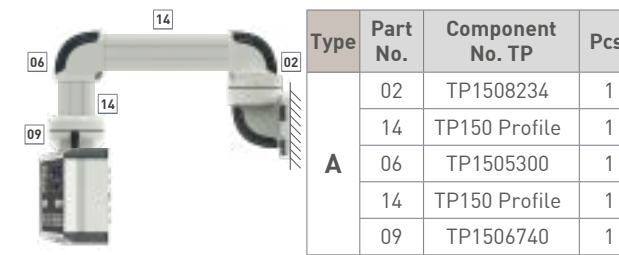
Ⓑ max = 2000mm



Part No.	Component No. TP	Description
	01	TP1501234
	02	TP1508234
	03	TP1509000
	04	TP1501634
	05	TP1500674
	06	TP1505300
	07	TP1500234
	08	TP1506045
	09	TP1506740
	10	TP1502374
	11	TP1506741
	12	TP1503410
	13	TP1503420
	14	TP150 PROFILE



TP150 System Configuration



Characteristics

Material

- AL 4600 Series

Surface Finishing

- RAL7035

On Request

- Custom sizes
- Custom colour

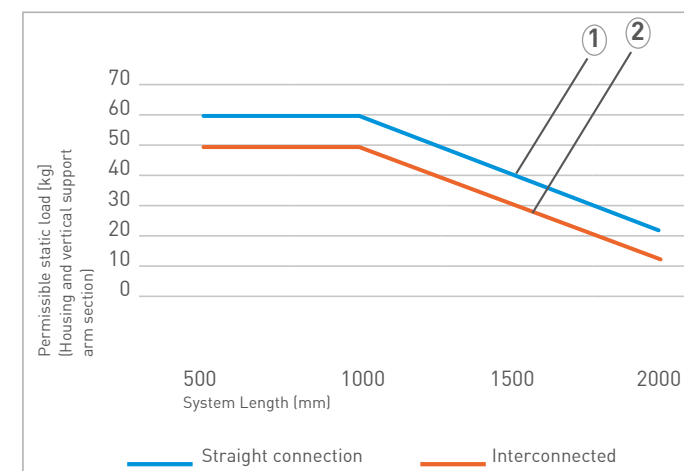


Advantages

- A single system with three combinable cross-sections
- Sleek design with full functionality
- High stability for all load levels up to 60 kg
- Versatile combination options
- Cost-effective and lightweight vertical axis adjustments
- Simple and consistent adjustment mechanism
- Compatible components suitable for almost any application
- Adjustable range of rotation limits
- Easy installation
- Support arm sections can be easily cut to the desired length
- Thread-free mounting with self-tapping screws

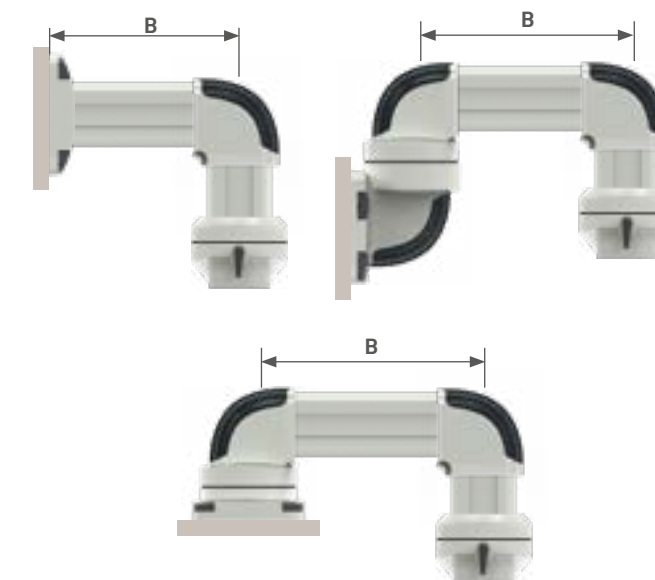
TP060 System Load Capacity

Permissible load depending on system configuration



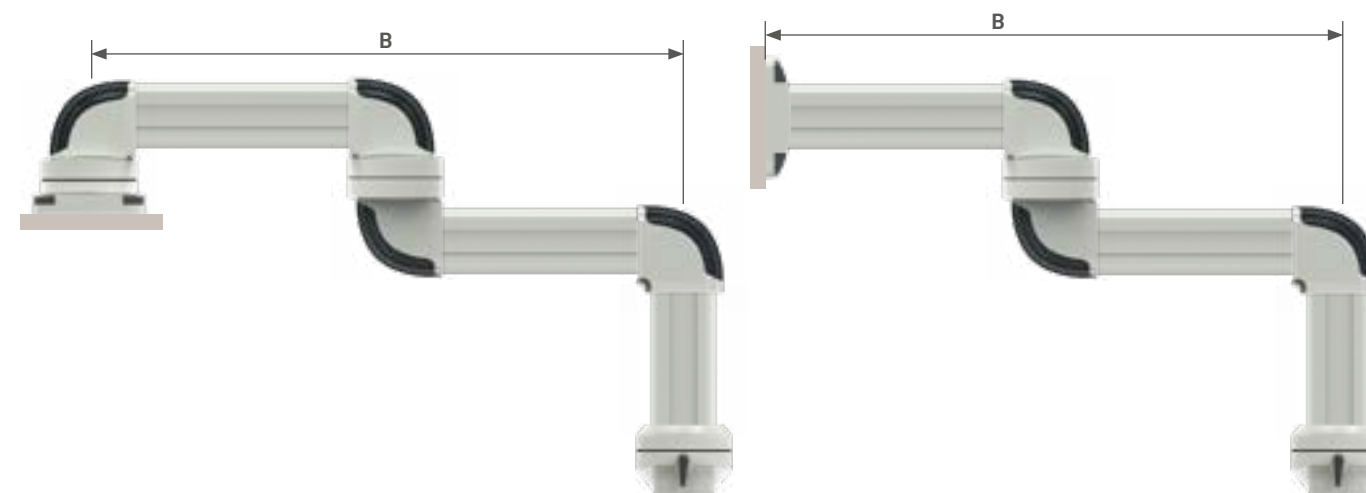
① System configuration without intermediate connection

Ⓑ max = 2000mm



② System configuration with intermediate connection

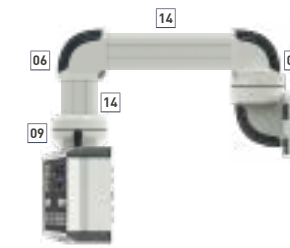
Ⓑ max = 2000mm



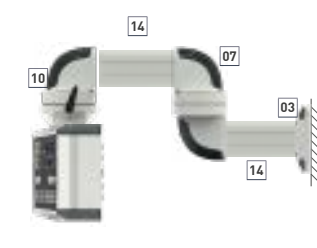
Part No.	Component No. TP	Description
01	TP0601234	Top Mounted Module, 90°, Rotatable, Horizontal Outlet
02	TP0608234	Wall Mounted Module with Height Offset, Rotatable, Horizontal Outlet
03	TP0609000	Wall/Base Mounting Bracket
04	TP0601634	Top Mounting Module, Rotatable, Vertical Outlet
05	TP0600674	Wall Mounted Module, Rotatable, Horizontal Outlet
06	TP0605300	90° Angel Module
07	TP0600234	Intermediate Coupling, Rotatable, Horizontal Outlet
08	TP0606045	Reduction Adapter
09	TP0606740	Panel Coupling Module, Rotatable, Vertical Outlet
10	TP0602374	Panel Coupling Module, Rotatable, Horizontal Outlet
11	TP0606741	10° Panel Tilting Adaptor
12	TP0603410	Angular Moving Adaptor
13	TP0603420	Angular Moving Adaptor With Vesa
14	TP060 PROFILE	Support Profile



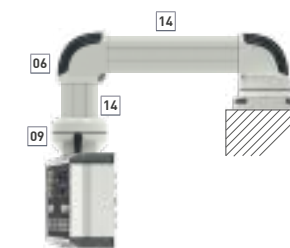
TP060 System Configuration



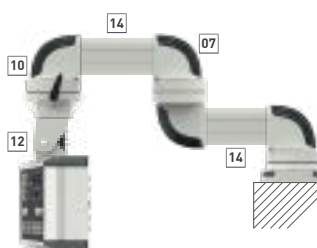
Type	Part No.	Component No. TP	Pcs.
A	02	TP0608234	1
	14	TP060 Profile	1
	06	TP0605300	1
	14	TP060 Profile	1
	09	TP0606740	1



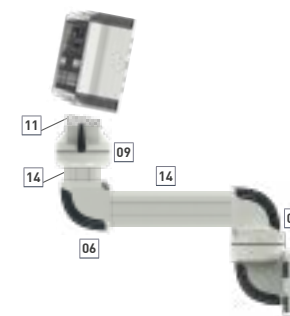
Type	Part No.	Component No. TP	Pcs.
F	03	TP0609000	1
	14	TP060 Profile	1
	07	TP0600234	1
	14	TP060 Profile	1
	10	TP0602374	1



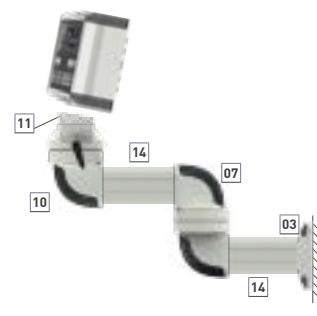
Type	Part No.	Component No. TP	Pcs.
B	01	TP0601234	1
	14	TP060 Profile	1
	06	TP0605300	1
	14	TP060 Profile	1
	09	TP0606740	1



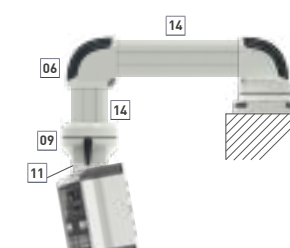
Type	Part No.	Component No. TP	Pcs.
G	01	TP0601234	1
	14	TP060 Profile	1
	07	TP0600234	1
	14	TP060 Profile	1
	10	TP0602374	1
	12	TP0603410	1



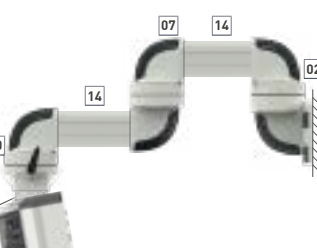
Type	Part No.	Component No. TP	Pcs.
C	02	TP0608234	1
	14	TP060 Profile	1
	06	TP0605300	1
	14	TP060 Profile	1
	09	TP0606740	1
	11	TP0606741	1



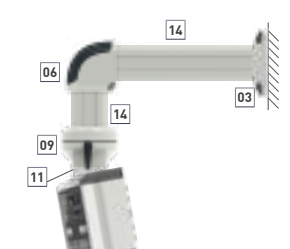
Type	Part No.	Component No. TP	Pcs.
I	03	TP0609000	1
	14	TP060 Profile	1
	07	TP0600234	1
	14	TP060 Profile	1
	10	TP0602374	1
	11	TP0606741	1



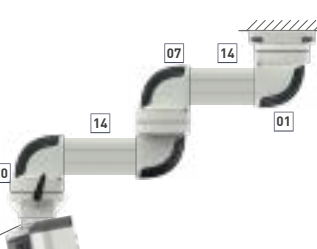
Type	Part No.	Component No. TP	Pcs.
D	01	TP0601234	1
	14	TP060 Profile	1
	06	TP0605300	1
	14	TP060 Profile	1
	09	TP0606740	1
	11	TP0606741	1



Type	Part No.	Component No. TP	Pcs.
J	02	TP0608234	1
	14	TP060 Profile	1
	07	TP0600234	1
	14	TP060 Profile	1
	10	TP0602374	1
	11	TP0606741	1



Type	Part No.	Component No. TP	Pcs.
E	03	TP0609000	1
	14	TP060 Profile	1
	06	TP0605300	1
	14	TP060 Profile	1
	09	TP0606740	1
	11	TP0606741	1



Type	Part No.	Component No. TP	Pcs.
K	1	TP0601234	1
	14	TP060 Profile	1
	07	TP0600234	1
	14	TP060 Profile	1
	10	TP0602374	1
	11	TP0606741	1

Characteristics

Material

- AL 4600 Series

Surface Finishing

- RAL7035

On Request

- Custom sizes
- Custom colour

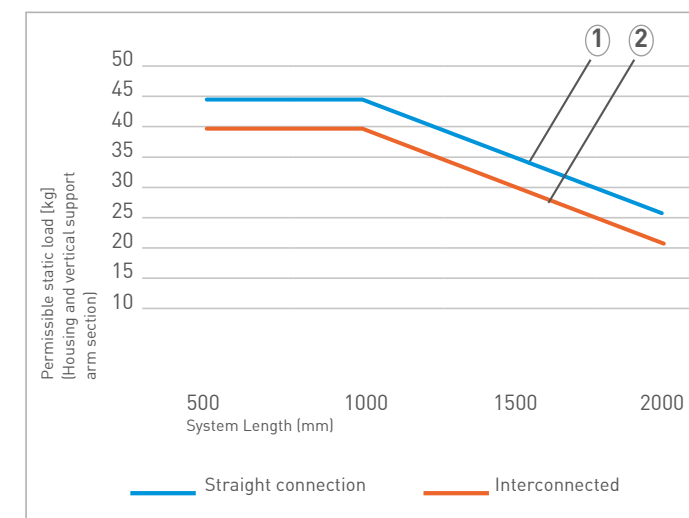


Advantages

- A single system with three combinable cross-sections
- Sleek design with full functionality
- High stability for all load levels up to 45 kg
- Versatile combination options
- Cost-effective and lightweight vertical axis adjustments
- Simple and consistent adjustment mechanism
- Compatible components suitable for almost any application
- Adjustable range of rotation limits
- Easy installation
- Support arm sections can be easily cut to the desired length
- Thread-free mounting with self-tapping screws

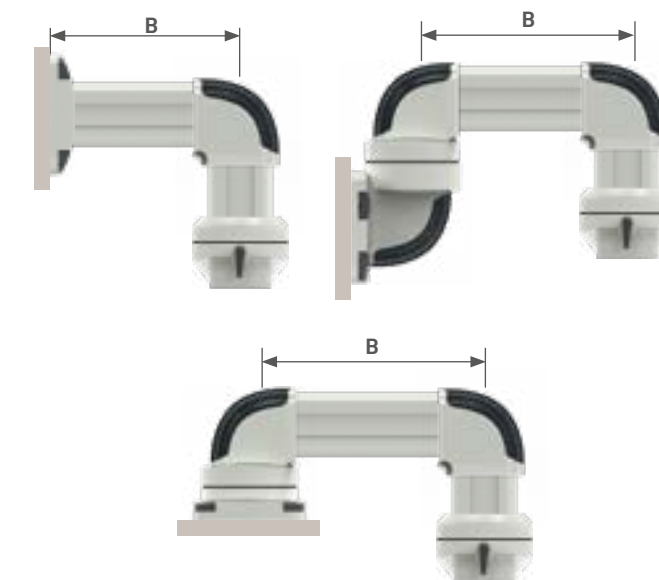
TP045 System Load Capacity

Permissible load depending on system configuration



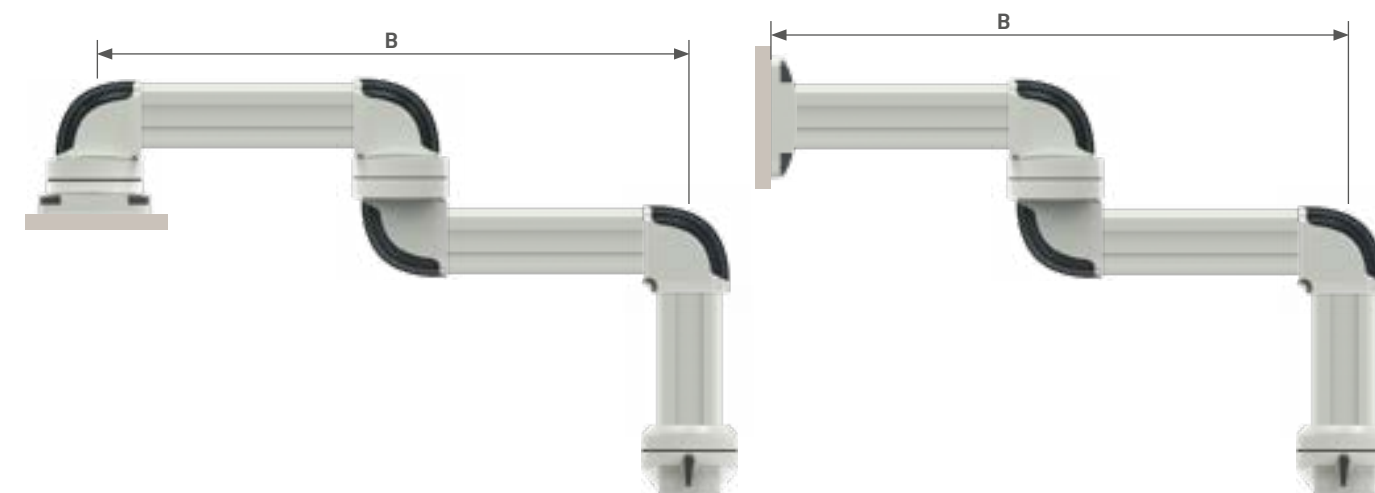
① System configuration without intermediate connection

Ⓑ max = 2000mm



② System configuration with intermediate connection

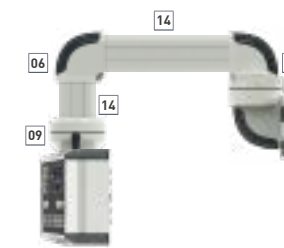
Ⓑ max = 2000mm



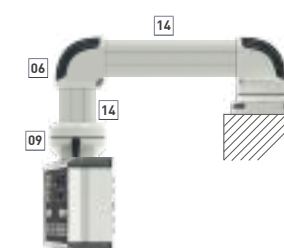
Part No.	Component No. TP	Description
01	TP0451234	Top Mounted Module, 90°, Rotatable, Horizontal Outlet
02	TP0458234	Wall Mounted Module with Height Offset, Rotatable, Horizontal Outlet
03	TP0459000	Wall/Base Mounting Bracket
04	TP0451634	Top Mounting Module, Rotatable, Vertical Outlet
05	TP0450674	Wall Mounted Module, Rotatable, Horizontal Outlet
06	TP0455300	90° Angel Module
07	TP0450234	Intermediate Coupling, Rotatable, Horizontal Outlet
08	TP0456045	Reduction Adapter
09	TP0456740	Panel Coupling Module, Rotatable, Vertical Outlet
10	TP0452374	Panel Coupling Module, Rotatable, Horizontal Outlet
11	TP0456741	10° Panel Tilting Adaptor
12	TP0453410	Angular Moving Adaptor
13	TP0453420	Angular Moving Adaptor With Vesa
14	TP045 PROFILE	Support Profile



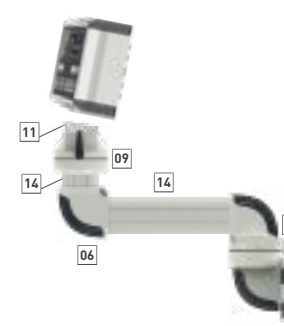
TP045 System Configuration



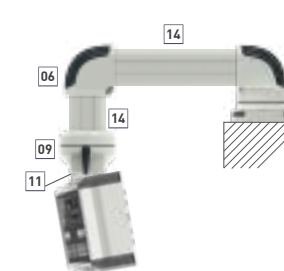
Type	Part No.	Component No. TP	Pcs.
A	02	TP0458234	1
	14	TP045 Profile	1
	06	TP0455300	1
	14	TP045 Profile	1
	09	TP0456740	1



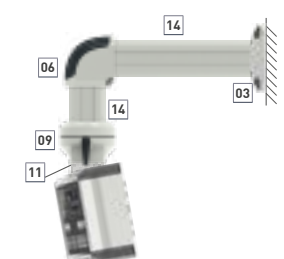
Type	Part No.	Component No. TP	Pcs.
B	01	TP0451234	1
	14	TP045 Profile	1
	06	TP0455300	1
	14	TP045 Profile	1
	09	TP0456740	1



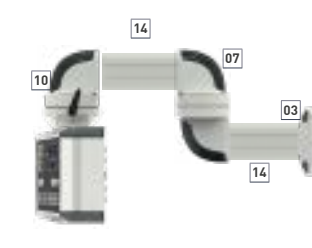
Type	Part No.	Component No. TP	Pcs.
C	02	TP0458234	1
	14	TP045 Profile	1
	06	TP0455300	1
	14	TP045 Profile	1
	09	TP0456740	1
	11	TP0456741	1



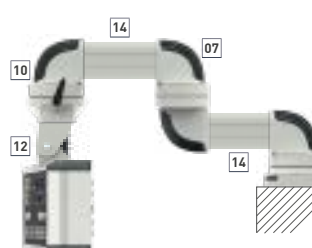
Type	Part No.	Component No. TP	Pcs.
D	01	TP0451234	1
	14	TP045 Profile	1
	06	TP0455300	1
	14	TP045 Profile	1
	09	TP0456740	1
	11	TP0456741	1



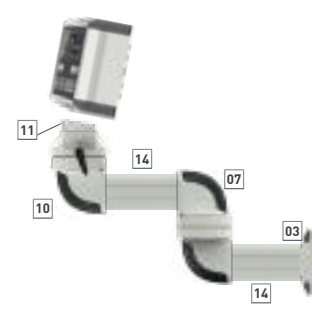
Type	Part No.	Component No. TP	Pcs.
E	03	TP0459000	1
	14	TP045 Profile	1
	06	TP0455300	1
	14	TP045 Profile	1
	09	TP0456740	1
	11	TP0456741	1



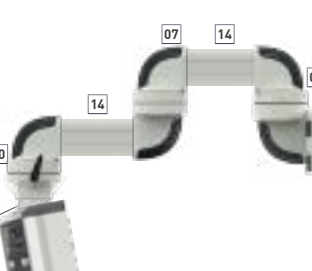
Type	Part No.	Component No. TP	Pcs.
F	03	TP0459000	1
	14	TP045 Profile	1
	07	TP0450234	1
	14	TP045 Profile	1
	10	TP0452374	1



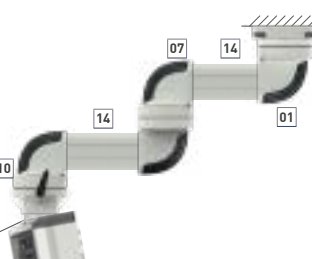
Type	Part No.	Component No. TP	Pcs.
G	01	TP0451234	1
	14	TP045 Profile	1
	07	TP0450234	1
	14	TP045 Profile	1
	10	TP0452374	1
	12	TP0453410	1



Type	Part No.	Component No. TP	Pcs.
H	03	TP0459000	1
	14	TP045 Profile	1
	07	TP0450234	1
	14	TP045 Profile	1
	10	TP0452374	1
	11	TP0456741	1



Type	Part No.	Component No. TP	Pcs.
I	02	TP0458234	1
	14	TP045 Profile	1
	07	TP0450234	1
	14	TP045 Profile	1
	10	TP0452374	1
	11	TP0456741	1



Type	Part No.	Component No. TP	Pcs.
J	02	TP0458234	1
	14	TP045 Profile	1
	07	TP0450234	1
	14	TP045 Profile	1
	10	TP0452374	1
	11	TP0456741	1



Type	Part No.	Component No. TP	Pcs.
K	1	TP0451234	1
	14	TP045 Profile	1
	07	TP0450234	1
	14	TP045 Profile	1
	10	TP0452374	1
	11	TP0456741	1

Characteristics

Material

- AL 4600 Series
- Sheet Steel (AL)

Surface Finishing

- IP 55 Protection
- RAL 7015 Corner Connections
- RAL 7042 Corner Caps

Other

- Aluminum Profile Body: Lightweight and robust structure for easy transport and installation.
- Integrated Handle Side Profile: Offers ergonomic use and ease of handling.
- Front Sheet Brackets: Allow tool-free installation of the front sheet, enabling quick and easy assembly.
- DIN Rail Mounting Brackets: Ensure secure and stable component installation.

On Request

- Custom sizes
- Custom colour



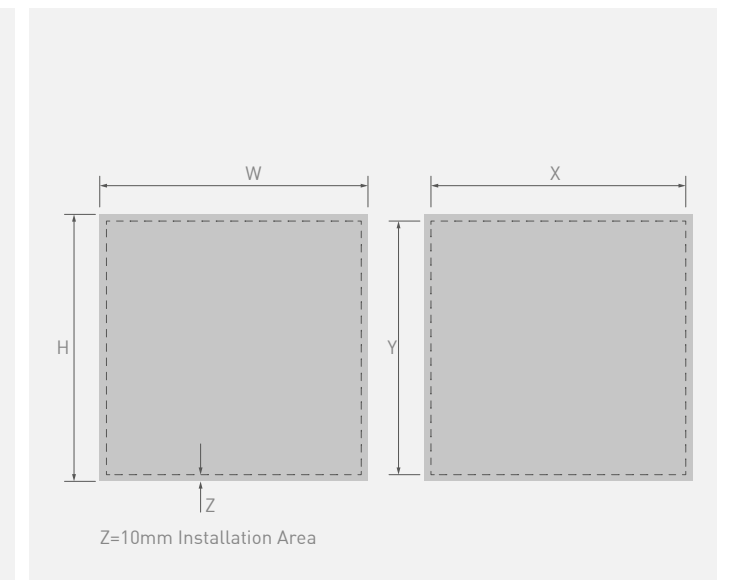
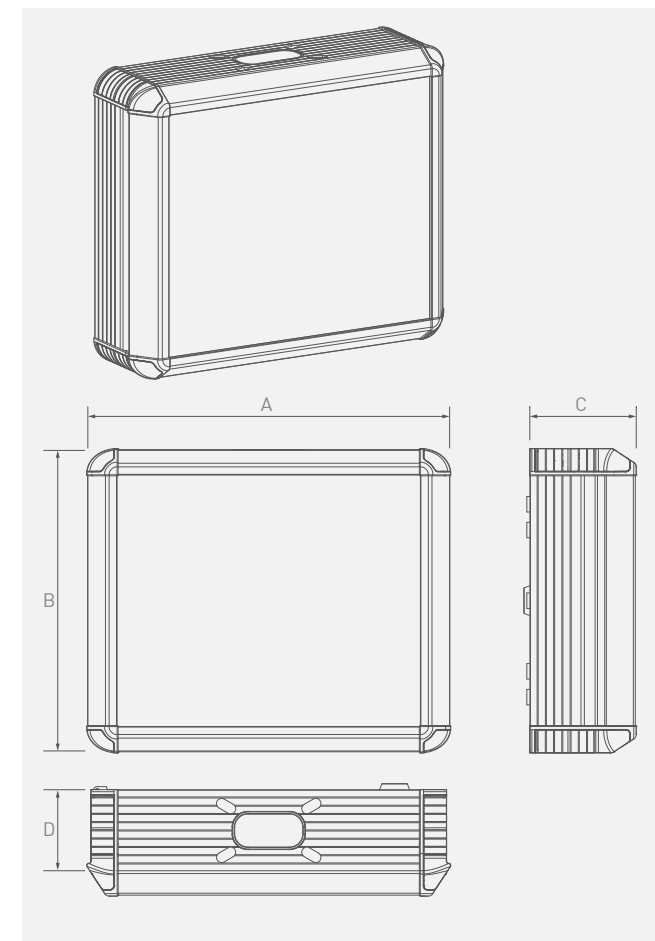
Advantages

- Automation and Control Systems: Provide reliable and efficient solutions for industrial automation projects.
- Machinery Manufacturing: Ensure high performance in machine control and monitoring systems.
- Energy Management: Stand out with durability and protection level in energy distribution and management systems.
- Medical Devices: Preferred in medical applications requiring precision and reliability.



Width A	Height B	Depth C	Reference	Front Sheet				Back Door			Installation Depth D	Weight
				Width W	Height H	Useful Area X Y		Lock	Lock Type	Hinge		
				mm	mm	mm	mm	pcs.	*	pcs.	mm	kg
293	293	103	TP252509	250	250	230	230	1	C	2	78	2.6
343	293	103	TP302509	300	250	280	230	1	C	5	78	2.9
343	343	103	TP303009	300	300	280	280	1	C	5	78	3.2
443	343	103	TP403009	400	300	380	280	2	C	5	78	3.8
443	443	103	TP404009	400	400	380	380	2	C	5	78	4.7
543	443	103	TP504009	500	400	480	380	2	C	5	78	5.4
543	543	103	TP505009	500	500	480	480	2	C	5	78	6.2
643	543	103	TP605009	600	500	580	480	2	C	5	78	7.1
643	643	103	TP606009	600	600	580	580	2	C	5	78	8.0

* C:Quarter Turn



Characteristics

Material

- AL 4600 Series
- Sheet Steel (AL)

Surface Finishing

- IP 55 Protection
- RAL 7015 Corner Connections
- RAL 7042 Corner Caps

Other

- Aluminum Profile Body: Lightweight and robust structure for easy transport and installation.
- Integrated Handle Side Profile: Offers ergonomic use and ease of handling.
- Front Sheet Brackets: Allow tool-free installation of the front sheet, enabling quick and easy assembly.
- DIN Rail Mounting Brackets: Ensure secure and stable component installation.

On Request

- Custom sizes
- Custom colour



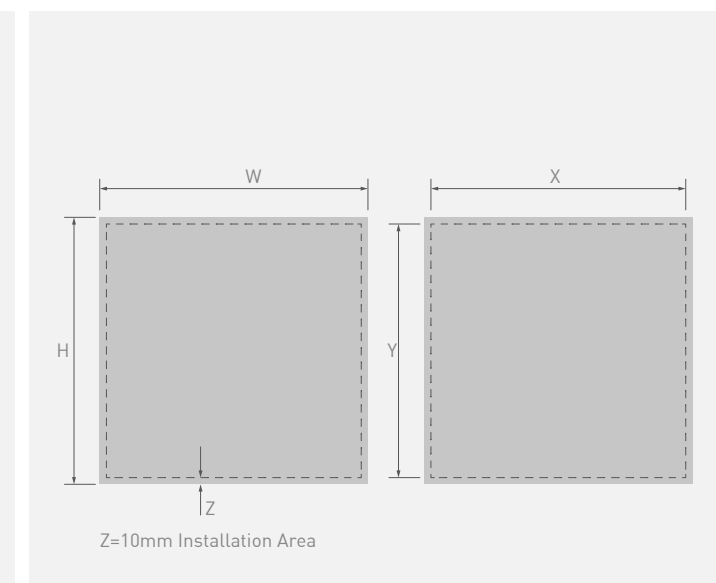
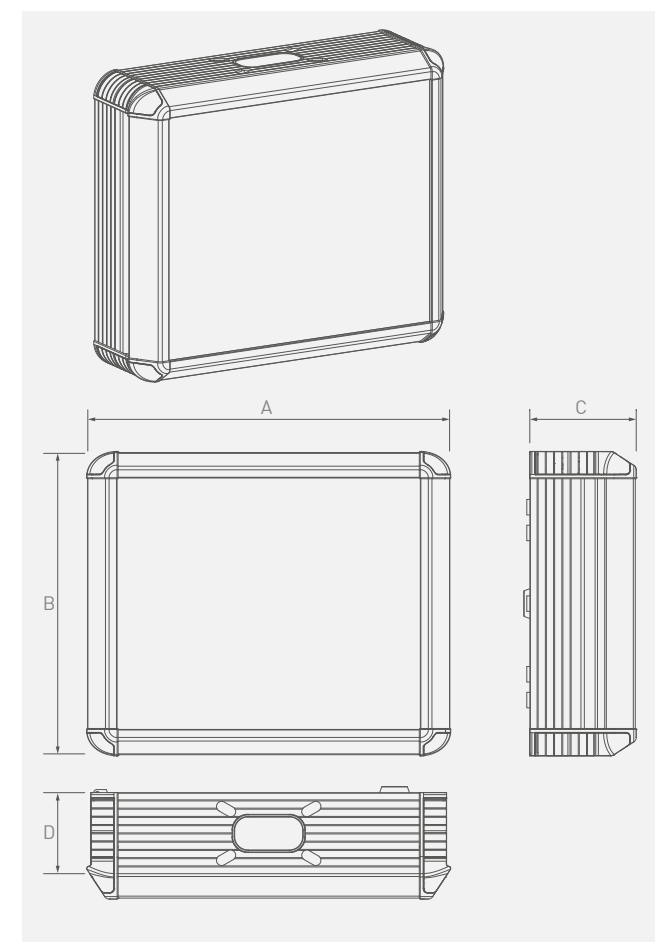
Advantages

- Automation and Control Systems: Provide reliable and efficient solutions for industrial automation projects.
- Machinery Manufacturing: Ensure high performance in machine control and monitoring systems.
- Energy Management: Stand out with durability and protection level in energy distribution and management systems.
- Medical Devices: Preferred in medical applications requiring precision and reliability.



Width A	Height B	Depth C	Reference	Front Sheet				Back Door			Installation Depth D	Weight
				Width W	Height H	Useful Area X Y		Lock	Lock Type	Hinge		
				mm	mm	mm	mm	pcs.	*	pcs.	mm	kg
293	293	103	TP252515	250	250	230	230	1	C	2	78	2.6
343	293	103	TP302515	300	250	280	230	1	C	5	78	2.9
343	343	103	TP303015	300	300	280	280	1	C	5	78	3.2
443	343	103	TP403015	400	300	380	280	2	C	5	78	3.8
443	443	103	TP404015	400	400	380	380	2	C	5	78	4.7
543	443	103	TP504015	500	400	480	380	2	C	5	78	5.4
543	543	103	TP505015	500	500	480	480	2	C	5	78	6.2
643	543	103	TP605015	600	500	580	480	2	C	5	78	7.1
643	643	103	TP606015	600	600	580	580	2	C	5	78	8.0

* C:Quarter Turn

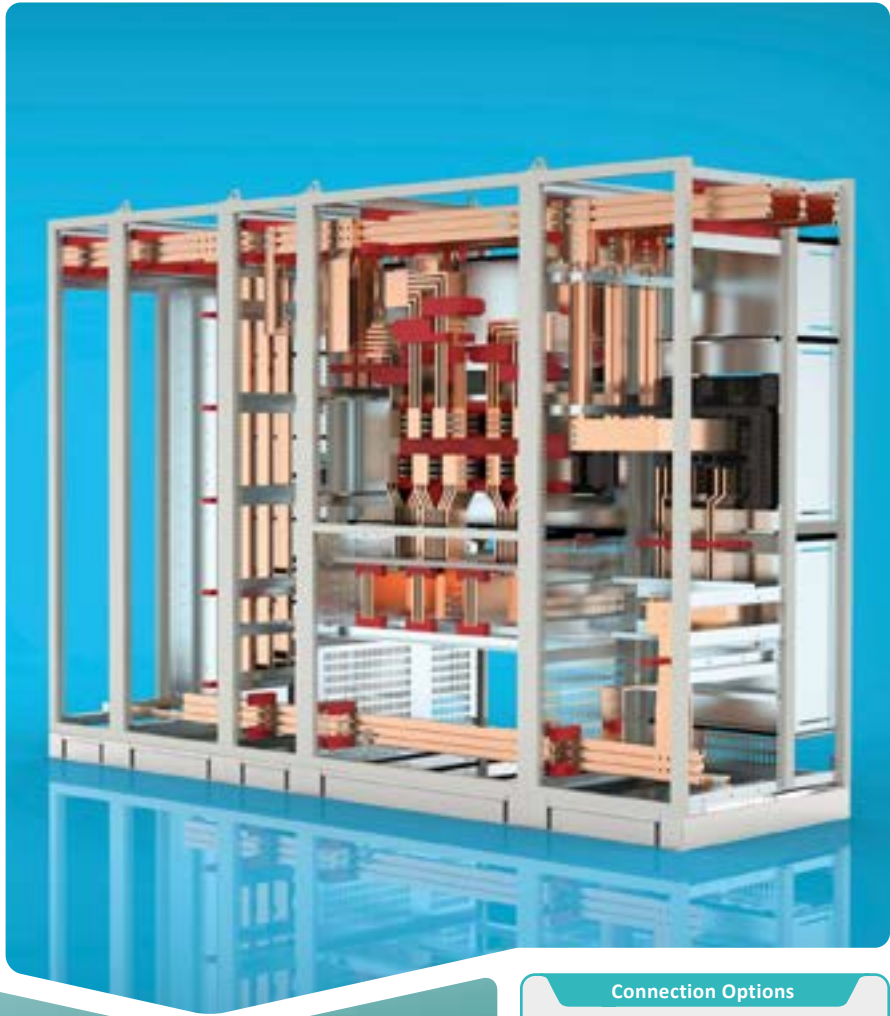
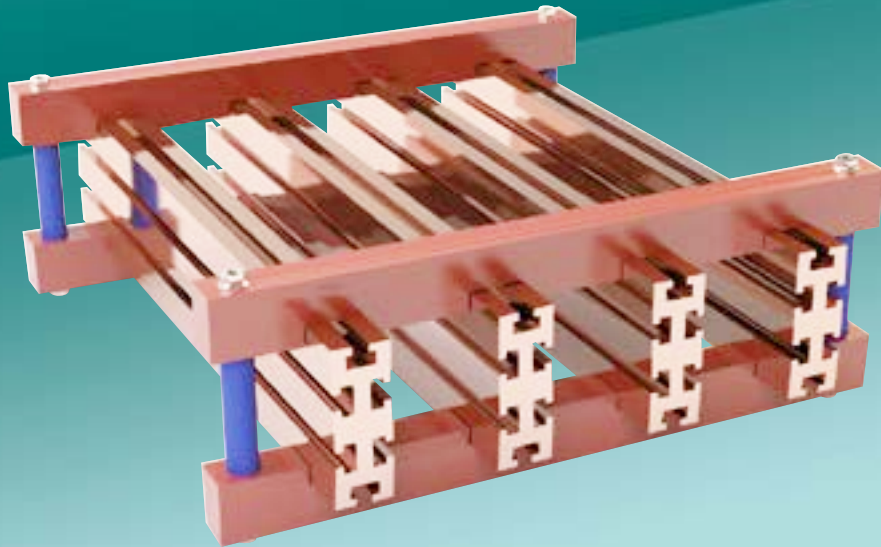


Characteristics

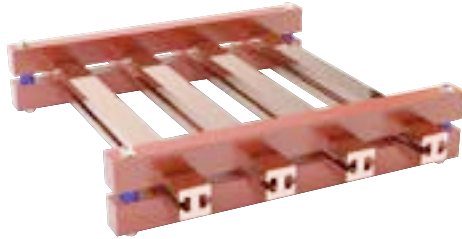
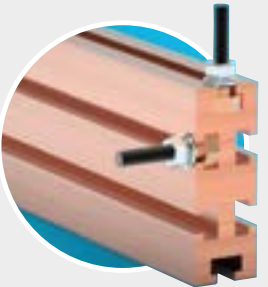
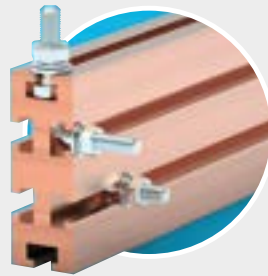
- High mechanical strength
- Advantage of high cooling surface area
- Less isolator requirement for high short-circuit withstand
- Temperature rise and short-circuit withstand tested according to IEC 61439-2
- 3 different lengths compatible with the standard enclosure sizes
- 4 different cross section sizes up to 4000A
- Drilling is not required for the connection
- Easy connection via special nuts and bolts
- Advantage of using standard M10 bolts for the connections
- No-drilling saves power-off time for changes to be made after commissioning

K-BAR[®]
channel bar

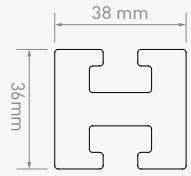
Less labor requirement
reliable and economic
solution



Connection Options



2000A

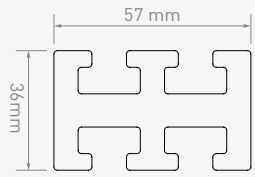


Current Capacity A	Cross Section mm x mm	Length mm	Reference
2000	38 x 36	1130	BRBR 038361130
		1930	BRBR 038361930
		2330	BRBR 038362330
		4660	BRBR 038364660

Cross Section Area mm ²	Perimeter mm	Short-circuit Current		Max. Mounting Distance For 3P/4P mm
		peak	r.m.s	
979.2	223.4	132 kA	60 kA	750
		176 kA	80 kA	550
		220 kA	100 kA	450
		264 kA	120 kA	370



2500A

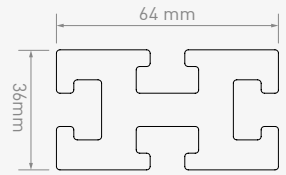


Current Capacity A	Cross Section mm x mm	Length mm	Reference
2500	57 x 36	1130	BRBR 057361130
		1930	BRBR 057361930
		2330	BRBR 057362330
		4660	BRBR 057364660

Cross Section Area mm ²	Perimeter mm	Short-circuit Current		Max. Mounting Distance For 3P/4P mm
		peak	r.m.s	
1275.1	338,5	132 kA	60 kA	850
		176 kA	80 kA	620
		220 kA	100 kA	500
		264 kA	120 kA	420



3200A

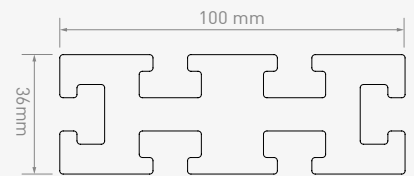


Current Capacity A	Cross Section mm x mm	Length mm	Reference
3200	64 x 36	1130	BRBR 064361130
		1930	BRBR 064361930
		2330	BRBR 064362330
		4660	BRBR 064364660

Cross Section Area mm ²	Perimeter mm	Short-circuit Current		Max. Mounting Distance For 3P/4P mm
		peak	r.m.s	
1527.2	352.6	132 kA	60 kA	1000
		176 kA	80 kA	750
		220 kA	100 kA	600
		264 kA	120 kA	500



4000A



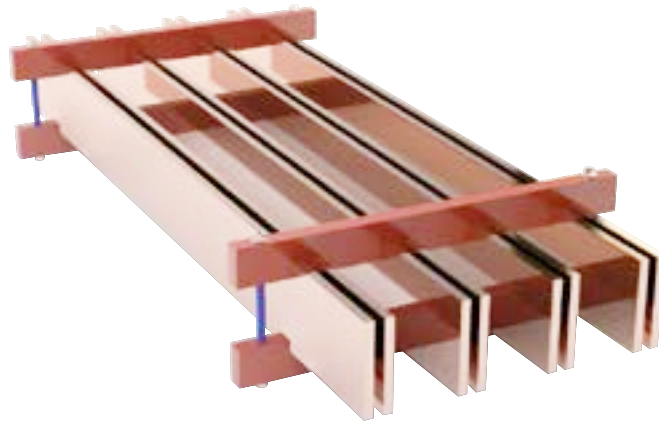
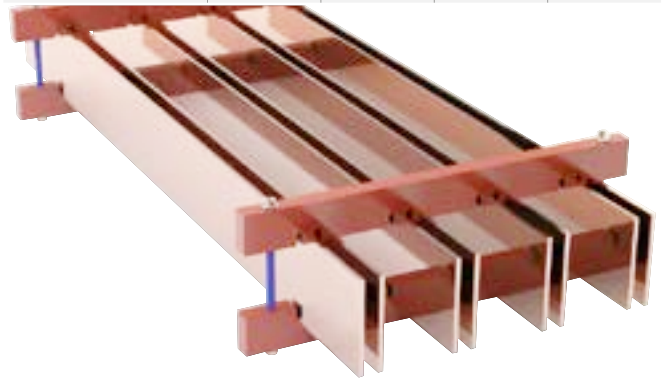
Current Capacity A	Cross Section mm x mm	Length mm	Reference
4000	100 x 36	1130	BRBR 100361130
		1930	BRBR 100361930
		2330	BRBR 100362330

Cross Section Area mm ²	Perimeter mm	Short-circuit Current		Max. Mounting Distance For 3P/4P mm
		peak	r.m.s	
2435.2	501.7	132 kA	60 kA	1300
		176 kA	80 kA	1000
		220 kA	100 kA	800
		264 kA	120 kA	600

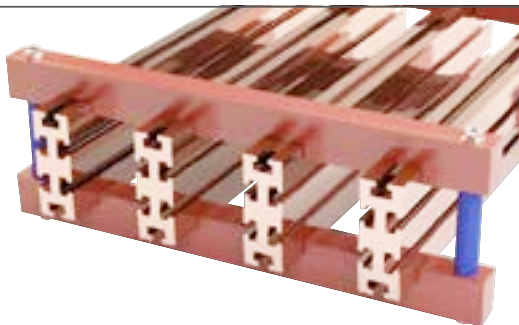
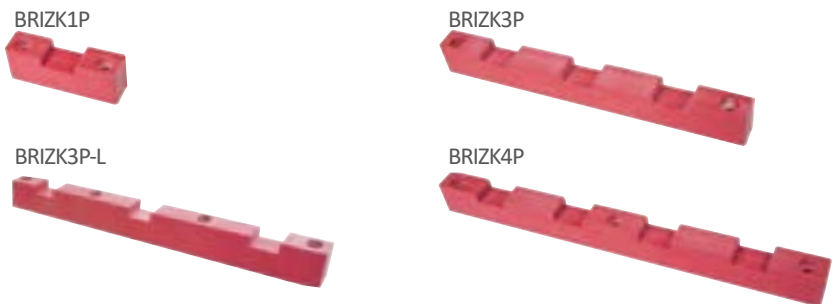
Recommended isolator mounting distances for busbar flat bars

BUSBAR	Short-circuit Current				
	peak	40 kA	84 kA	132 kA	165 kA
	r.m.s	20 kA	40 kA	60 kA	75 kA
Maximum mounting distance for 3P/4P Standard Isolators					
		mm	mm	mm	mm
30 * 10	x 1	750	360	230	185
30 * 10	x 2	670	320	200	160
40 * 10	x 1	880	420	270	215
40 * 10	x 2	800	380	245	195
50 * 10	x 1	1000	480	300	240
50 * 10	x 2	920	440	280	225
60 * 10	x 1	1000	520	330	265
60 * 10	x 2	1000	500	320	250
80 * 10	x 1	1200	620	390	310
80 * 10	x 2	1200	610	390	310
100 * 10	x 1	1200	700	450	360
100 * 10	x 2	1200	720	450	360
120 * 10	x 1	1200	780	500	400
120 * 10	x 2	1200	820	525	400
160 * 10	x 1	1200	950	600	440
160 * 10	x 2	1200	1000	650	460

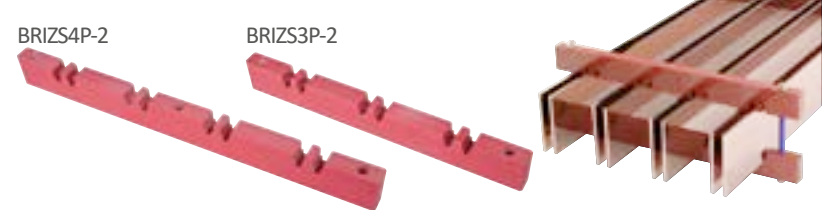
	Short-circuit Current				
	peak	40 kA	63 kA	84 kA	110 kA
	r.m.s	20 kA	30 kA	40 kA	50 kA
BUSBAR	Maximum mounting distance for 3P/4P Standard Isolators				
	mm	mm	mm	mm	mm
40 * 5 x 1	440	280	210	170	
40 * 5 x 2	400	250	190	155	
50 * 5 x 1	500	320	240	190	
50 * 5 x 2	460	290	220	175	
60 * 5 x 1	550	350	260	210	
60 * 5 x 2	520	330	250	200	
80 * 5 x 1	640	410	310	250	
80 * 5 x 2	640	410	300	245	
100 * 5 x 1	750	470	350	285	
100 * 5 x 2	750	480	360	285	



K-BAR Isolators



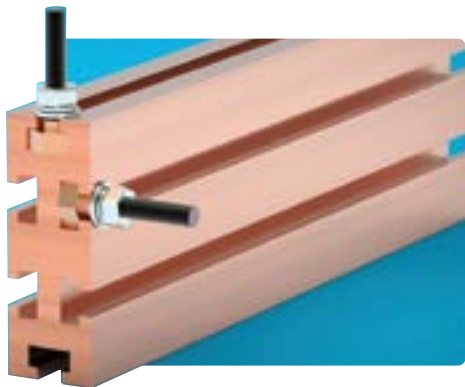
Flat Busbar Isolators



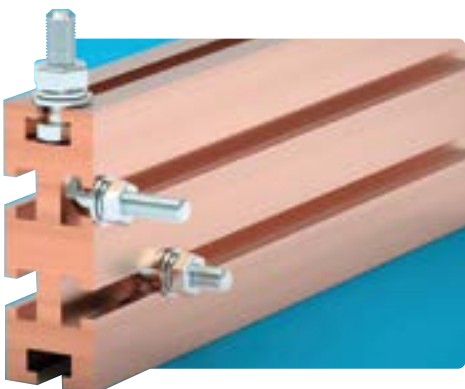
Spacer



K-Bar M8 nut / M8 setscrew bolt



K-Bar (T) M10 bolt / Standard M10 bolt



Characteristics

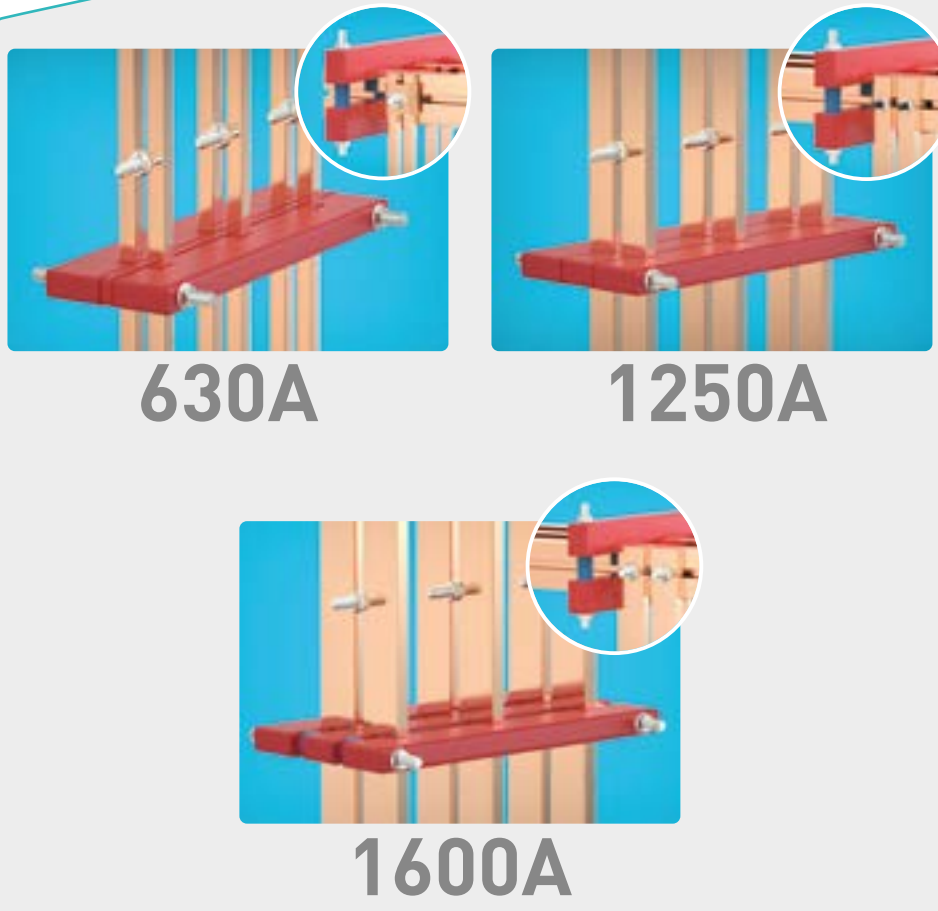
- Easybar is a special busbar system
- Easybar has a complementary feature of K-Bar main busbar system with 630A, 1250A and 1600A current ratings
- Easybar with its unique supports is a double busbar system which has 10mm channel between and does not need to be drilled for connections
- It has a special T type bolts for easy connections

Easy-bar system for quick & easy connections



easybar[®]
New Design System

Connection Options



Recommended isolator mounting distances for Easybar

Short-circuit Current	Maximum mounting distances for Easybar support			
r.m.s. (kA)	50 kA	60 kA	70 kA	85 kA
peak (kA)	110 kA	132 kA	154 kA	187 kA
12,5x12,5mm Easybar	300mm	260mm	-	-
25x12,5mm Easybar	420mm	400mm	380mm	340mm
40x12,5mm Easybar	480mm	460mm	440mm	420mm



Easy Bar Isolators

3 Pole support sets



BRIZE3P-TK0630

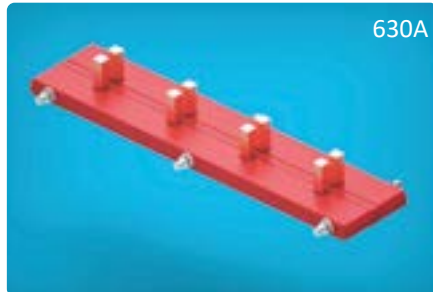


BRIZE3P-TK01250

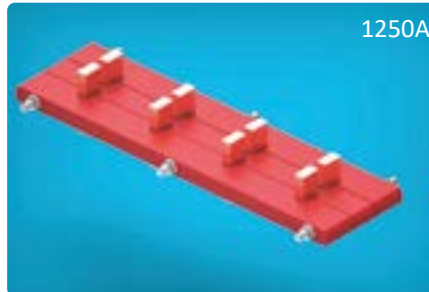


BRIZE3P-TK01600

4 Pole support sets



BRIZE4P-TK0630



BRIZE4P-TK01250



BRIZE4P-TK01600

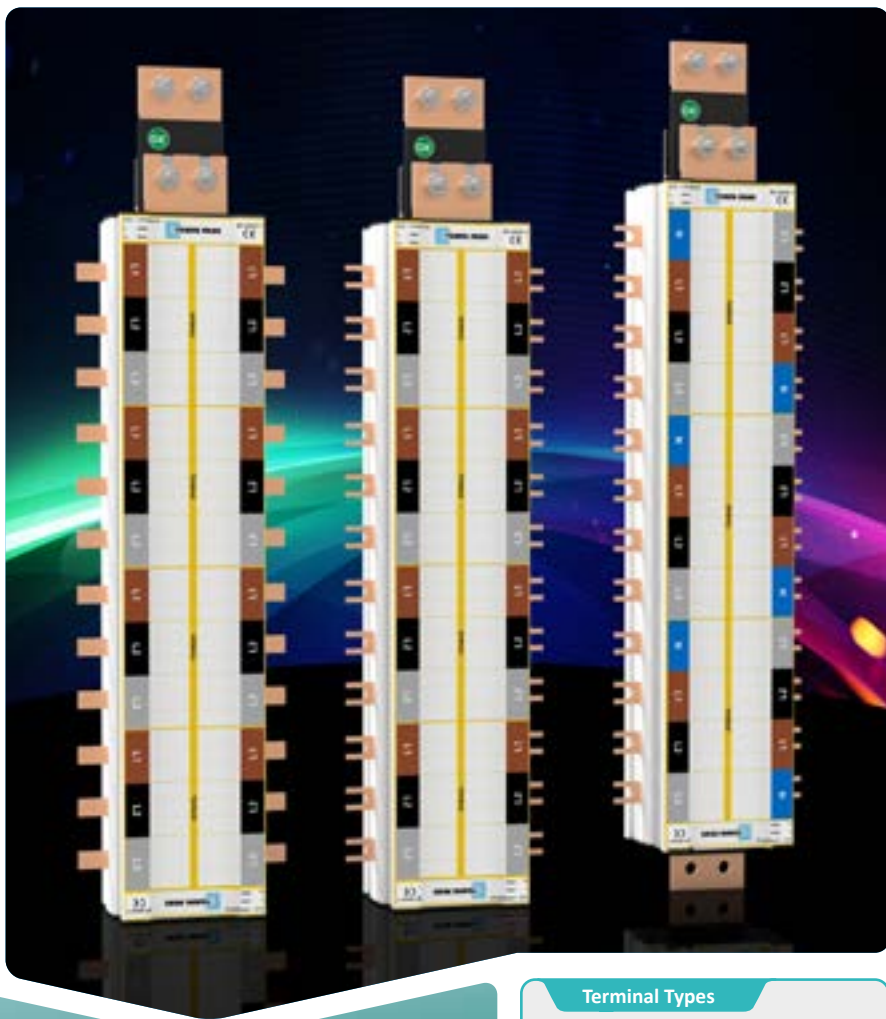
CONNECTION EQUIPMENT

Easy Bar M10 (T) bolt



Characteristics

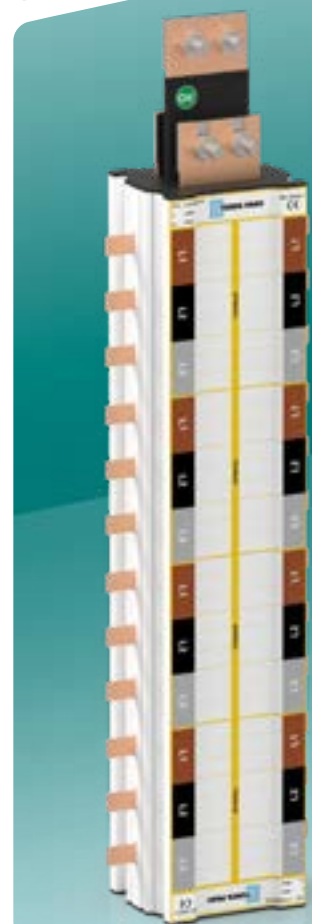
- Totally encapsulated, fully insulated 400A & 800A 415V_{AC} busbar system
- 400A / 800A system short circuit withstand is certified at 50 kA for 1second
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- 400A - 800A incoming interconnectors
- Designed to direct connection for most major manufacturers MCCBs having outgoing terminal centres of 25, 30 and 35mm
- Tin plated as standart



Terminal Types

N Type Terminal

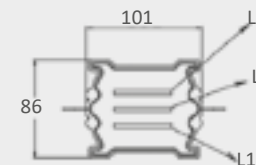
H Type Terminal



Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	H	Type	Mounting Kit Reference
A		mm			mm		
400	3P	25	6	TT 06254X	368	1	TT BK0625
			8	TT 08254X	445	1	TT BK0825
			10	TT 10254X	522	1	TT BK1025
			12	TT 12254X	599	1	TT BK1225
		30	6	TT 06304X	408	1	TT BK0630
			8	TT 08304X	500	1	TT BK0830
			10	TT 10304X	592	1	TT BK1030
			12	TT 12304X	684	1	TT BK1230
		35	6	TT 06354X	448	1	TT BK0635
			8	TT 08354X	555	1	TT BK0835
			10	TT 10354X	662	1	TT BK1035
			12	TT 12354X	769	1	TT BK1235
	3P+N	25	6	TM 06254X	483	2	TM BK0625
			8	TM 08254X	585	2	TM BK0825
			10	TM 10254X	687	2	TM BK1025
			12	TM 12254X	789	2	TM BK1225
		30	6	TM 06304X	538	2	TM BK0630
			8	TM 08304X	660	2	TM BK0830
			10	TM 10304X	782	2	TM BK1030
			12	TM 12304X	904	2	TM BK1230
		35	6	TM 06354X	593	2	TM BK0635
			8	TM 08354X	735	2	TM BK0835
			10	TM 10354X	877	2	TM BK1035
			12	TM 12354X	1019	2	TM BK1235
800	3P	25	6	TT 06258X	368	1	TT BK0625
			8	TT 08258X	445	1	TT BK0825
			10	TT 10258X	522	1	TT BK1025
			12	TT 12258X	599	1	TT BK1225
		30	6	TT 06308X	408	1	TT BK0630
			8	TT 08308X	500	1	TT BK0830
			10	TT 10308X	592	1	TT BK1030
			12	TT 12308X	684	1	TT BK1230
		35	6	TT 06358X	448	1	TT BK0635
			8	TT 08358X	555	1	TT BK0835
			10	TT 10358X	662	1	TT BK1035
			12	TT 12358X	769	1	TT BK1235
	3P+N	25	6	TM 06258X	483	2	TM BK0625
			8	TM 08258X	585	2	TM BK0825
			10	TM 10258X	687	2	TM BK1025
			12	TM 12258X	789	2	TM BK1225
		30	6	TM 06308X	538	2	TM BK0630
			8	TM 08308X	660	2	TM BK0830
			10	TM 10308X	782	2	TM BK1030
			12	TM 12308X	904	2	TM BK1230
		35	6	TM 06358X	593	2	TM BK0635
			8	TM 08358X	735	2	TM BK0835
			10	TM 10358X	877	2	TM BK1035
			12	TM 12358X	1019	2	TM BK1235

H : H Type Terminal
N : N Type Terminal

Type 1

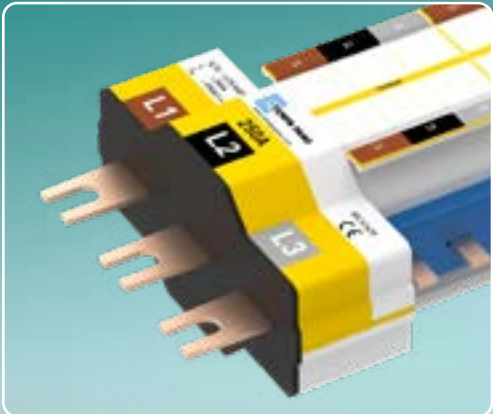
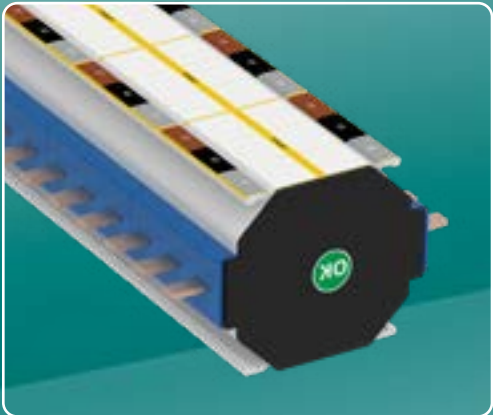
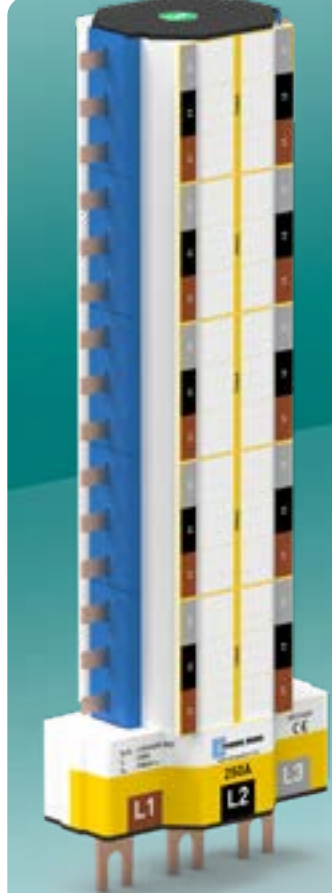


Type 2



Characteristics

- Totally encapsulated, fully insulated 63A,100A and 250A 415V_{AC} busbar system
- 63A,100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming MCCB terminals
- Designed to direct connection for most major manufacturers MCBs having outgoing terminal centres of 18mm
- Tin plated as standart



Terminal Types

N Type Terminal

Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference
A		mm		
100	3P	18	4	TT 04181
			6	TT 06181
			8	TT 08181
			10	TT 10181
			12	TT 12181
			14	TT 14181
			16	TT 16181
			18	TT 18181
			20	TT 20181
			22	TT 22181
			24	TT 24181

H	Type	Mounting Kit Reference
mm		
148	1	TT BK0418
201	1	TT BK0618
255	1	TT BK0818
308	1	TT BK1018
361	1	TT BK1218
415	1	TT BK1418
468	1	TT BK1618
522	1	TT BK1818
575	1	TT BK2018
628	1	TT BK2218
682	1	TT BK2418

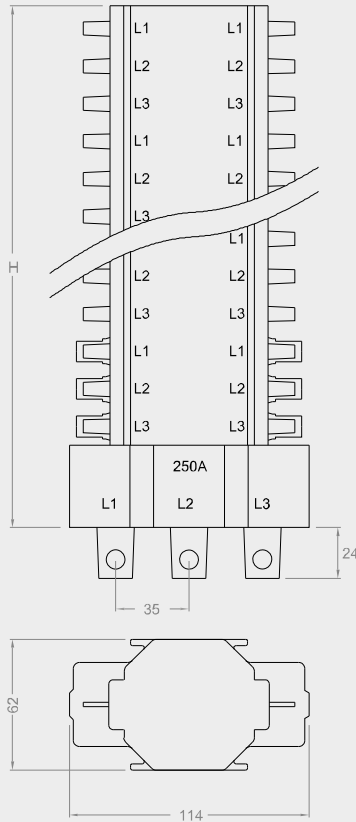
Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference
A		mm		
250	3P	18	4	TT 04182
			6	TT 06182
			8	TT 08182
			10	TT 10182
			12	TT 12182
			14	TT 14182
			16	TT 16182
			18	TT 18182
			20	TT 20182
			22	TT 22182
			24	TT 24182

H	Type	Mounting Kit Reference
mm		
148	1	TT BK0418
201	1	TT BK0618
255	1	TT BK0818
308	1	TT BK1018
361	1	TT BK1218
415	1	TT BK1418
468	1	TT BK1618
522	1	TT BK1818
575	1	TT BK2018
628	1	TT BK2218
682	1	TT BK2418

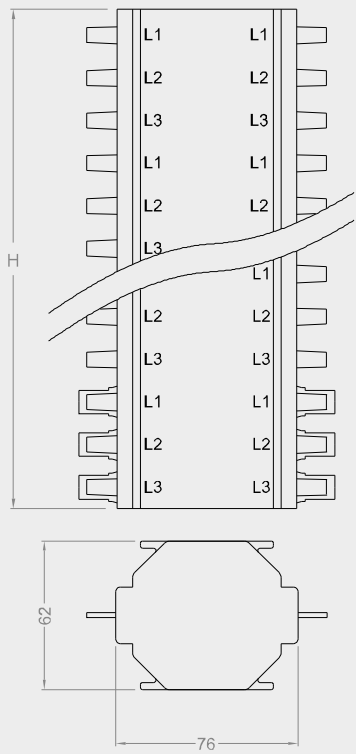
Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference
A		mm		
63	3P	18	4	TTS 04181
			6	TTS 06181
			8	TTS 08181
			10	TTS 10181
			12	TTS 12181
			14	TTS 14181
			16	TTS 16181
			18	TTS 18181
			20	TTS 20181
			22	TTS 22181
			24	TTS 24181

H	Type	Mounting Kit Reference
mm		
111	2	TTS BK0418
164	2	TTS BK0618
218	2	TTS BK0818
271	2	TTS BK1018
325	2	TTS BK1218
378	2	TTS BK1418
431	2	TTS BK1618
485	2	TTS BK1818
538	2	TTS BK2018
592	2	TTS BK2218
645	2	TTS BK2418

Type 1

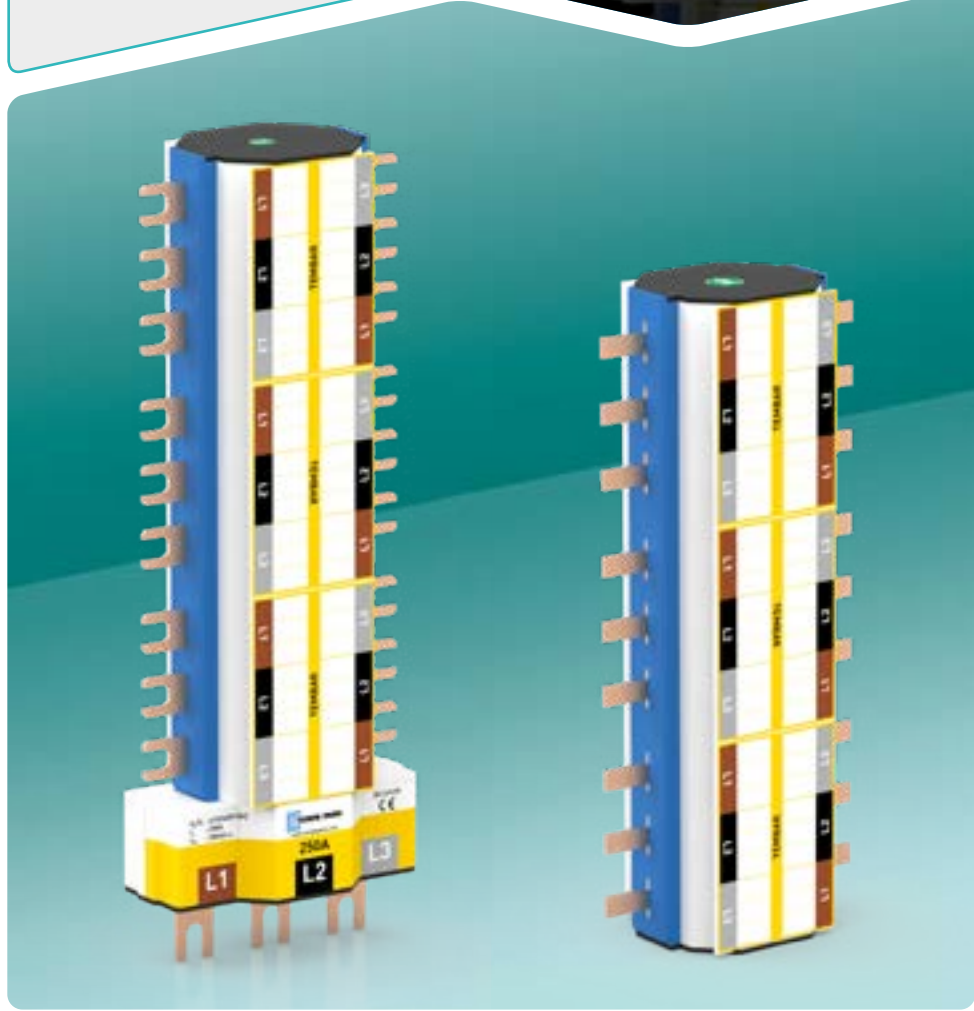
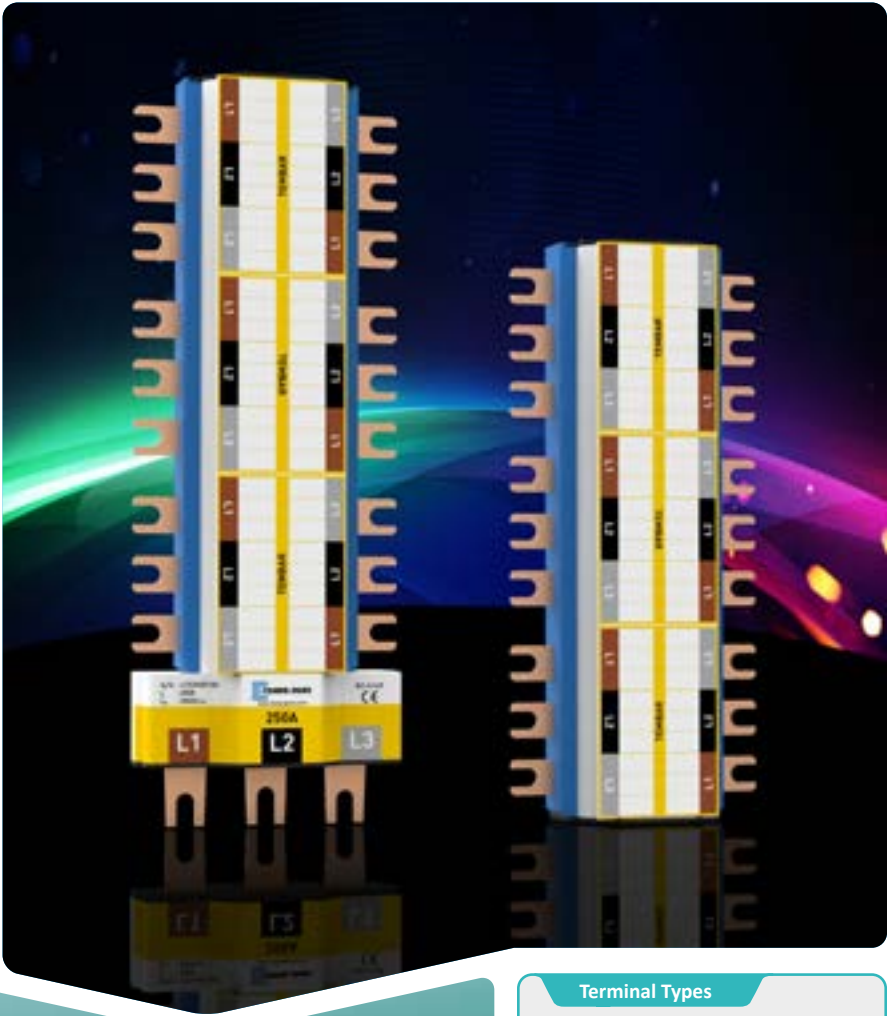


Type 2



Characteristics

- Totally encapsulated, fully insulated 100A and 250A 415V_{AC} busbar system
- 100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming MCCB terminals
- Designed to direct connection for most major manufacturers MCBs or MCCBs having outgoing terminal centres of 25mm
- Tin plated as standart



Terminal Types

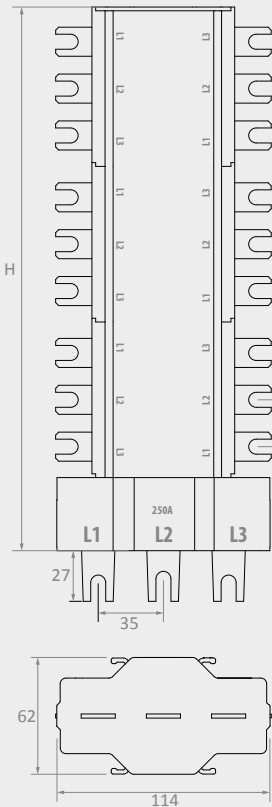
N Type Terminal

H Type Terminal

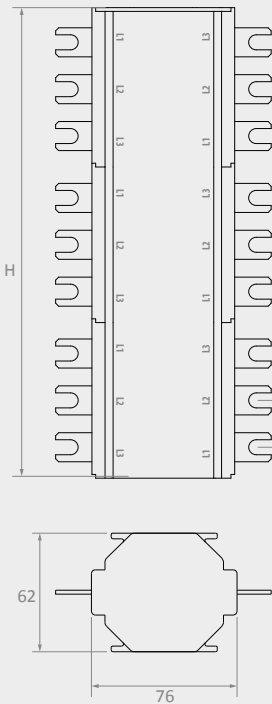
Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference
A		mm		
250	3P	25	4	TT 04252
			6	TT 06252
			8	TT 08252
			10	TT 10252
			12	TT 12252
			14	TT 14252
			16	TT 16252
			18	TT 18252
			20	TT 20252
			22	TT 22252
			24	TT 24252

H	Type	Mounting Kit Reference
mm		
206	1	TT BK0425
286	1	TT BK0625
366	1	TT BK0825
446	1	TT BK1025
526	1	TT BK1225
606	1	TT BK1425
686	1	TT BK1625
766	1	TT BK2525
846	1	TT BK2025
926	1	TT BK2225
1006	1	TT BK2425

Type 1



Type 2

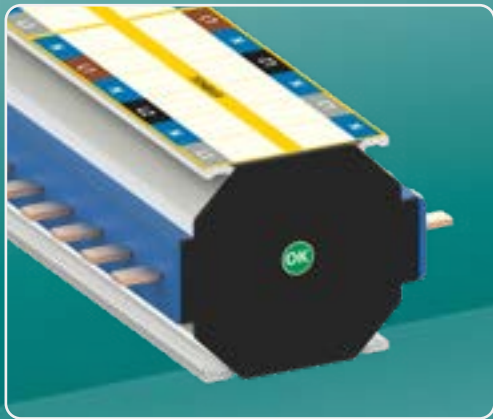
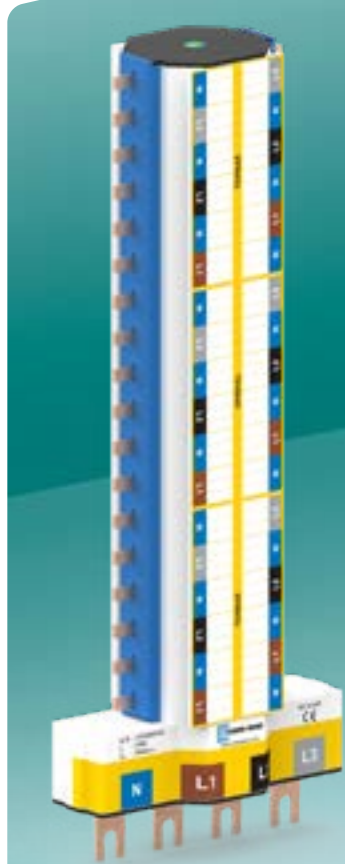


Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference
A		mm		
100	3P	25	4	TTS 04251
			6	TTS 06251
			8	TTS 08251
			10	TTS 10251
			12	TTS 12251
			14	TTS 14251
			16	TTS 16251
			18	TTS 18251
			20	TTS 20251
			22	TTS 22251
			24	TTS 24251

H	Type	Mounting Kit Reference
mm		
169	2	TTS BK0425
249	2	TTS BK0625
329	2	TTS BK0825
409	2	TTS BK1025
489	2	TTS BK1225
569	2	TTS BK1425
649	2	TTS BK1625
729	2	TTS BK2525
809	2	TTS BK2025
889	2	TTS BK2225
969	2	TTS BK2425

Characteristics

- Totally encapsulated, fully insulated 100A and 250A 415V_{AC} busbar system
- 100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming 4P MCCB terminals
- Designed to direct connection for most major manufacturers MCBs having outgoing 1P+N terminal centres of 18mm
- Tin plated as standart



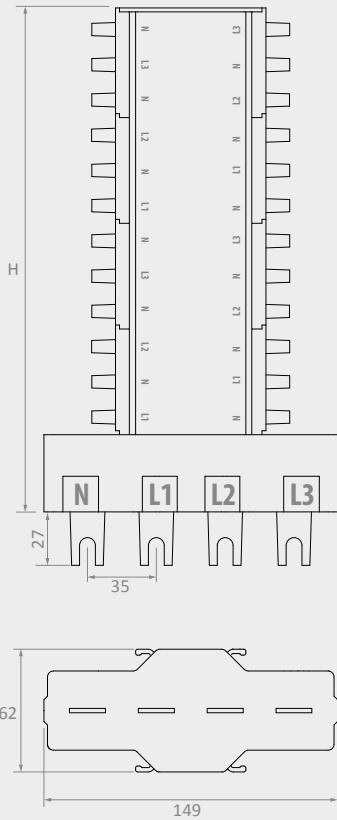
Terminal Types

N Type Terminal

Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	H	Type	Mounting Kit Reference
A		mm			mm		
100	4P incoming 2P outgoing	18	6	TD 06 18 1	148	1	TD BK 06 18
			12	TD 12 18 1	255	1	TD BK 12 18
			18	TD 18 18 1	361	1	TD BK 18 18
			24	TD 24 18 1	468	1	TD BK 24 18
			30	TD 30 18 1	575	1	TD BK 30 18
			36	TD 36 18 1	682	1	TD BK 36 18

Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	H	Type	Mounting Kit Reference
A		mm			mm		
250	4P incoming 2P outgoing	18	6	TD 06 18 2	148	1	TD BK 06 18
			12	TD 12 18 2	255	1	TD BK 12 18
			18	TD 18 18 2	361	1	TD BK 18 18
			24	TD 24 18 2	468	1	TD BK 24 18
			30	TD 30 18 2	575	1	TD BK 30 18
			32	TD 36 18 2	682	1	TD BK 36 18

Type 1



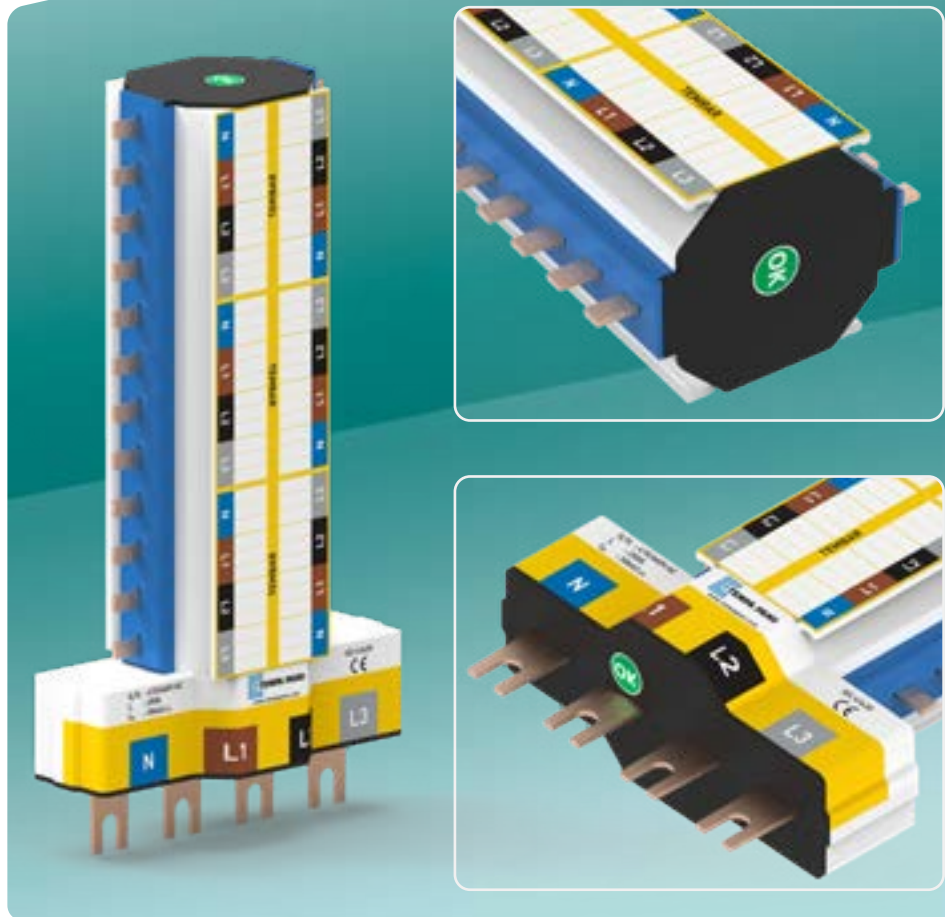
Characteristics

- Totally encapsulated, fully insulated 100A and 250A 415V_{AC} busbar system
- 100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming 4P MCCB terminals
- Designed to direct connection for most major manufacturers MCBs having outgoing 3P+N terminal centres of 18mm
- Tin plated as standart



Terminal Types

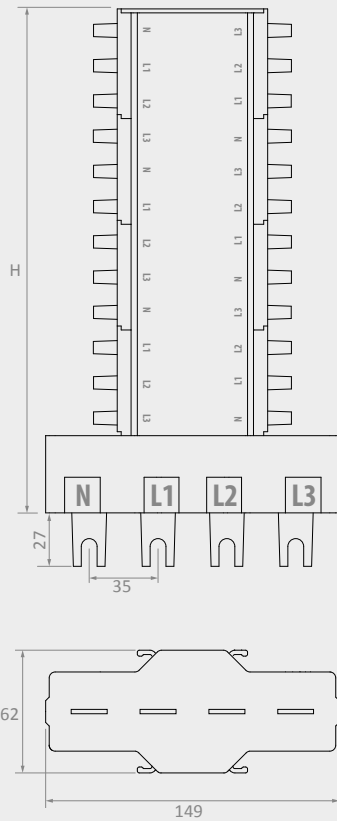
N Type Terminal



Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	H	Type	Mounting Kit Reference
A		mm			mm		
100	4P incoming 4P outgoing	18	6	TM 06 18 1	255	1	TM BK 06 18
			12	TM 12 18 1	468	1	TM BK 12 18
			18	TM 18 18 1	682	1	TM BK 18 18
			24	TM 24 18 1	896	1	TM BK 24 18

Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	H	Type	Mounting Kit Reference
A		mm			mm		
250	4P incoming 4P outgoing	18	6	TM 06 18 2	255	1	TM BK 06 18
			12	TM 12 18 2	468	1	TM BK 12 18
			18	TM 18 18 2	682	1	TM BK 18 18
			24	TM 24 18 2	896	1	TM BK 24 18

Type 1



- Characteristics
- Busbar (TEMBAR series) installed enclosure for ready to assembly (without main switch)
 - Earth and shrouded neutral terminals
 - Adjustable fixing parts for most major manufacturers standard (2A to 63A) MCB's
 - Sheet steel enclosure, door and cover
 - Built-In design
 - Foamed-in door PU sealing gasket
 - Top and bottom gland plates
 - 120° concealed hinges
 - Door can be left or right handed
 - Colour coding for all connections as standard
 - RAL7035w powder coating

- On Request
- Custom colour
 - Special mounting plate
 - Custom sizes
 - Glazed door
 - Pre-punching



Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	Width	Height	Depth
A		mm			A	B	C
					mm	mm	mm
250	2	18	6	TDK A 01 2P 06 18	420	620	150
	2		12	TDK A 01 2P 12 18			
	3		6	TDK A 01 3P 06 18			
	3		8	TDK A 01 3P 08 18			
	4		6	TDK A 01 4P 06 18			
250	2	18	18	TDK A 02 2P 18 18	420	720	150
	3		10	TDK A 02 3P 10 18			
	3		12	TDK A 02 3P 12 18			
250	2	18	24	TDK A 03 2P 24 18	420	820	150
	3		14	TDK A 03 3P 14 18			
	3		16	TDK A 03 3P 16 18			
	4		12	TDK A 03 4P 12 18			
250	2	18	30	TDK A 04 2P 30 18	420	920	150
	3		18	TDK A 04 3P 18 18			
	3		20	TDK A 04 3P 20 18			
250	2	18	36	TDK A 05 2P 36 18	420	1020	150
	3		22	TDK A 05 3P 22 18			
	3		24	TDK A 05 3P 24 18			
	4		18	TDK A 05 4P 18 18			

Characteristics

- Busbar (TEMBAR series) installed enclosure for ready to assembly (without main switch)
- Earth and shrouded neutral terminals
- Adjustable fixing parts for most major manufacturers standard (2A to 63A) MCB's
- Sheet steel enclosure, door and cover
- Built-In design
- Foamed-in door PU sealing gasket
- Top and bottom gland plates
- 155° concealed hinges
- Door can be left or right handed
- Colour coding for all connections as standard
- RAL7035w powder coating

On Request

- Custom colour
- Special mounting plate
- Custom sizes
- Glazed door
- Pre-punching



Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference
A		mm		
250	2	18	6	TDK S 01 2P 06 18
	2		12	TDK S 01 2P 12 18
	3		6	TDK S 01 3P 06 18
	3		8	TDK S 01 3P 08 18
	4		6	TDK S 01 4P 06 18
250	2	18	18	TDK S 02 2P 18 18
	3		10	TDK S 02 3P 10 18
	3		12	TDK S 02 3P 12 18
250	2	18	24	TDK S 03 2P 24 18
	3		14	TDK S 03 3P 14 18
	3		16	TDK S 03 3P 16 18
	4		12	TDK S 03 4P 12 18
250	2	18	30	TDK S 04 2P 30 18
	3		18	TDK S 04 3P 18 18
	3		20	TDK S 04 3P 20 18
250	2	18	36	TDK S 05 2P 36 18
	3		22	TDK S 05 3P 22 18
	3		24	TDK S 05 3P 24 18
	4		18	TDK S 05 4P 18 18

Width	Height	Depth
A	B	C
mm	mm	mm
420	655	150
420	755	150
420	855	150
420	955	150
420	1055	150

Characteristics

Material

- Sheet steel (EN 10130 DC01)
- Body : 1.2 mm
- Cover : 1.2 mm
- Galvanized steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

Surface Finishing

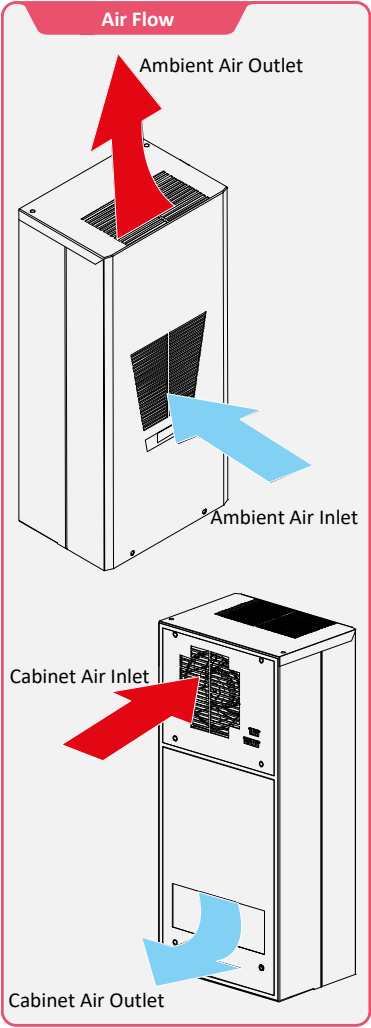
- RAL7035w Powder coating

Protection Degree

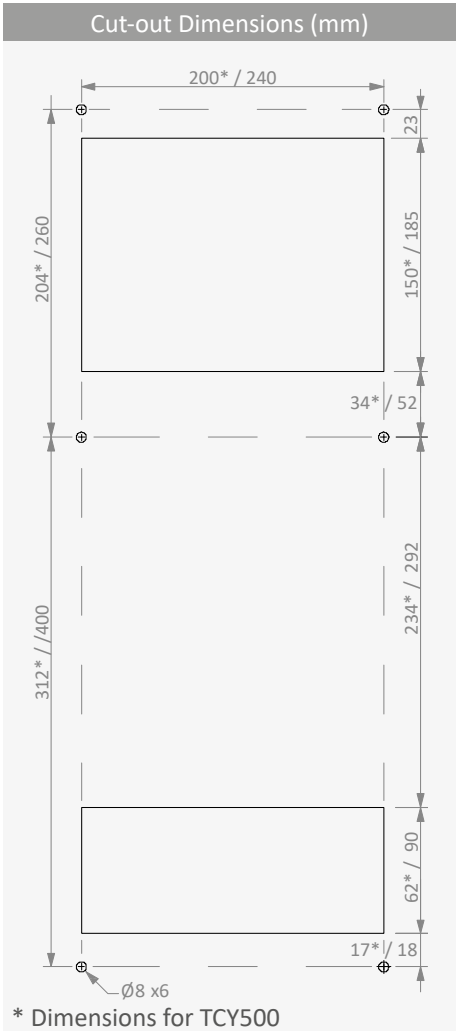
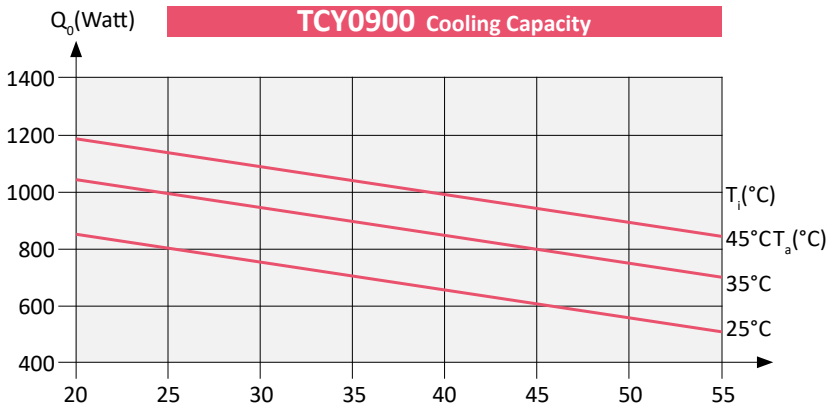
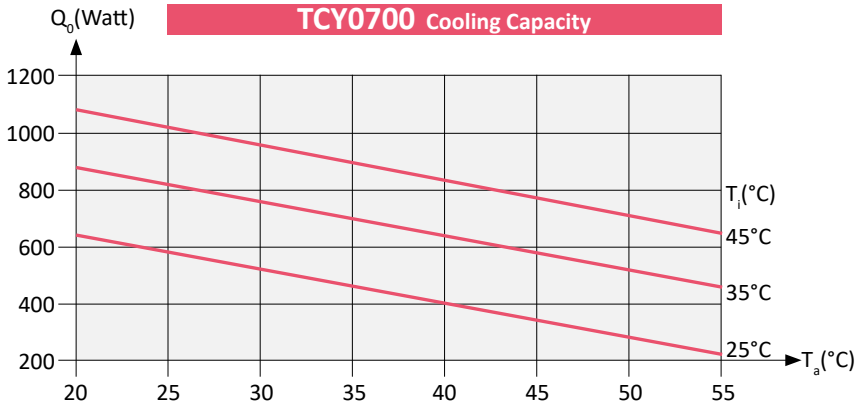
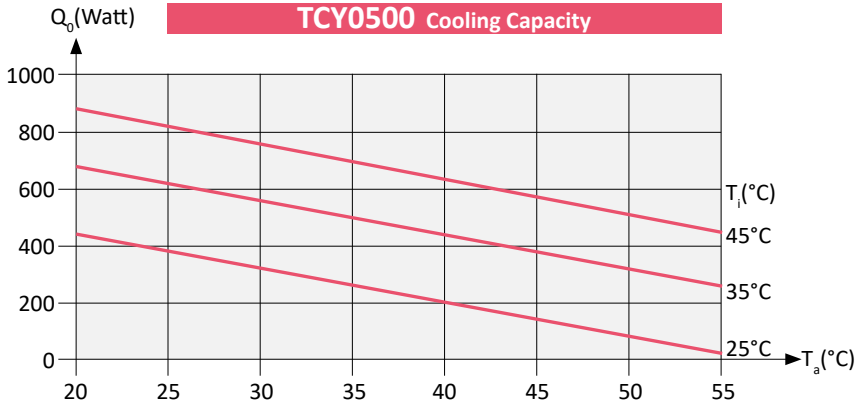
- IP54 Cabinet Side (TS 3033, EN 60529)
- IP34 Ambient Side (TS 3033, EN 60529)

Others

- Digital control unit
- Programmable door and alarm output contact
- Two different power in same size/cut-out
- Large fin space for minimum dust accumulation
- Fast and easy installation
- Condensate drain output
- Maximum air inlet-outlet distance in cabinet side for optimum cooling performance
- Optional easy fixing ambient side dust filter kit
- Stainless steel versions on request



		TCY0500	TCY0700	TCY0900
Cooling Capacity (EN 14511)	A35 / A35	500 W	700 W	900 W
	A35 / A50	300 W	520 W	740 W
Voltage - Phase - Frequency		230 V 1~ 50 Hz		
Power Consumption	A35 / A35	390 W	390 W	530 W
Maximum Running Current	A35 / A50	2.4 A	2.5 A	3.5 A
Starting Current		10 A	17 A	21 A
Unimpeded Air Flow (Internal - External)		346 m³/h - 500 m³/h	650 m³/h - 650 m³/h	650 m³/h - 650 m³/h
Control Type		Digital , door switch and alarm output		
Cabinet Temperature Limits		20°C - 45°C		
Ambient Temperature Limits		20°C - 55°C		
Refrigerant Type		R 134a		
Refrigerant Amount		180 g	240 g	350 g
Dimensions (Width/Height/Depth)		292mm / 592mm / 215mm	337mm / 742mm / 242mm	
Weight		24 kg	30 kg	35 kg
Protection Degree (TS 3033, EN 60529)	Cabinet Side	IP 54		
	Ambient Side	IP 34		
Unit Construction		RAL 7035 Electrostatic Powder Coated Sheet Steel (optional Stainless) and Galvanized Sheet Steel		



Q_o : Cooling Capacity
T_a : Ambient Temperature
T_i : Cabinet Internal Temperature

Characteristics

Material

- Sheet steel (EN 10130 DC01)
- Body : 1.2 mm
- Cover : 1.2 mm
- Galvanized steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

Surface Finishing

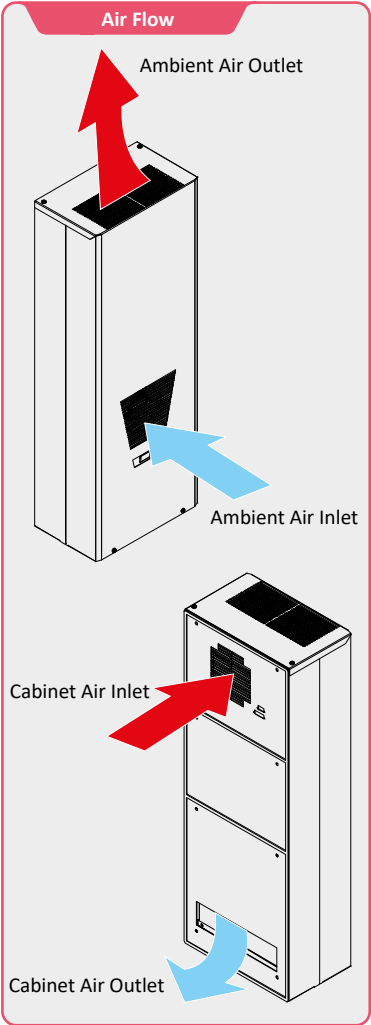
- RAL7035w Powder coating

Protection Degree

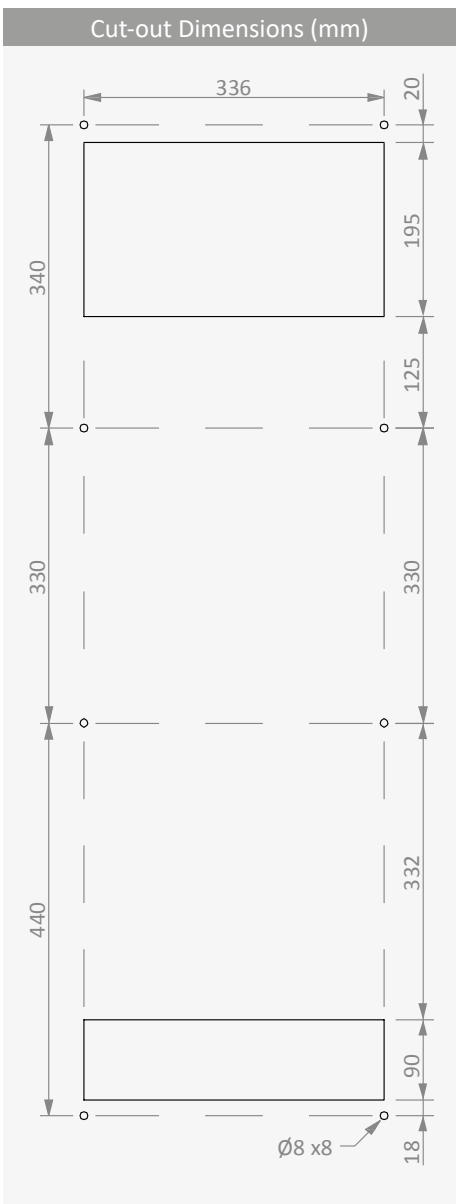
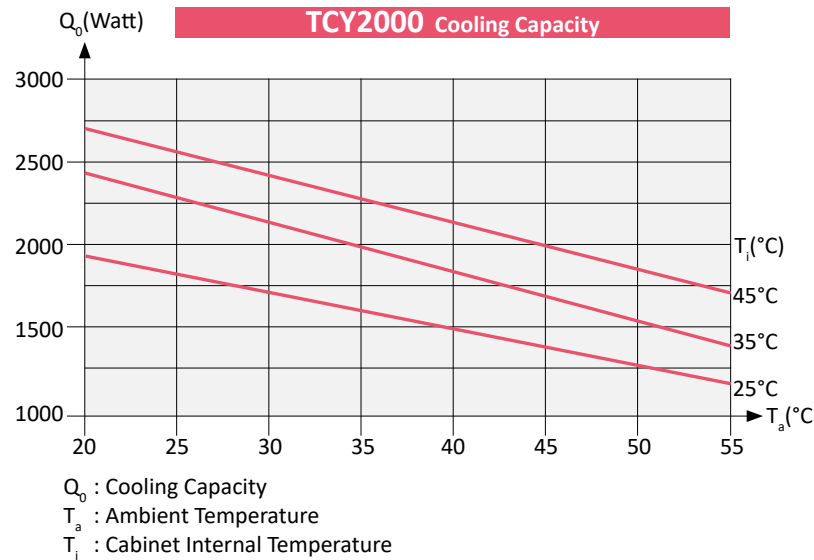
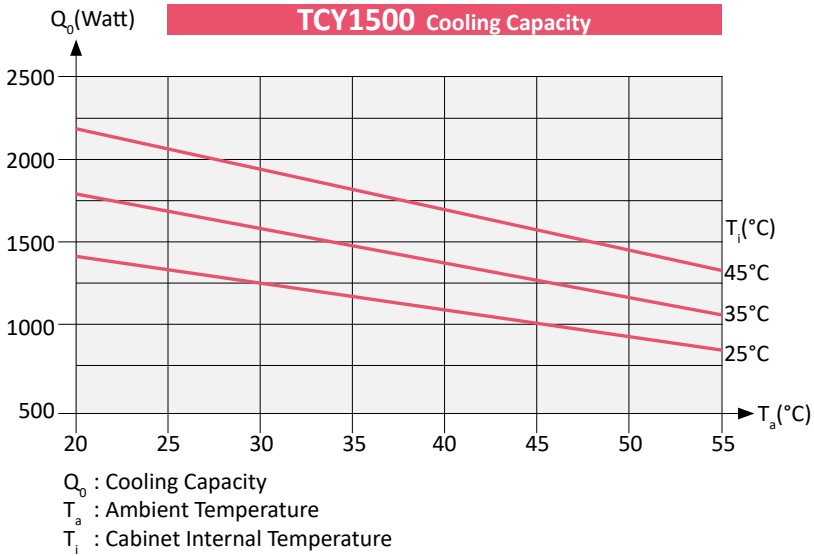
- IP54 Cabinet Side (TS 3033, EN 60529)
- IP34 Ambient Side (TS 3033, EN 60529)

Others

- Digital control unit
- Programmable door and alarm output contact
- Two different power in same size/cut-out
- Large fin space for minimum dust accumulation
- Fast and easy installation
- Condensate drain output
- Maximum air inlet-outlet distance in cabinet side for optimum cooling performance
- Optional easy fixing ambient side dust filter kit
- Stainless steel versions on request



		TCY1500	TCY2000
Cooling Capacity (EN 14511)	A35 / A35	1500 W	2000 W
	A35 / A50	1200 W	1550 W
Voltage - Phase - Frequency		230 V 1~ 50 Hz	
Power Consumption	A35 / A35	860 W	1070 W
Maximum Running Current	A35 / A50	5.7 A	6.5 A
Starting Current		22 A	22 A
Unimpeded Air Flow (Internal - External)		850 m³/h - 850 m³/h	850 m³/h - 1200 m³/h
Control Type		Digital , door switch and alarm output	
Cabinet Temperature Limits		20°C - 45°C	
Ambient Temperature Limits		20°C - 55°C	
Refrigerant Type		R 134a	
Refrigerant Amount		400 g	600 g
Dimensions (Width/Height/Depth)		436mm / 1200mm / 266mm	
Weight		51 kg	59 kg
Protection Degree (TS 3033, EN 60529)	Cabinet Side	IP 54	
	Ambient Side	IP 34	
Unit Construction		RAL 7035 Electrostatic Powder Coated Sheet Steel (optional Stainless) and Galvanized Sheet Steel	



Characteristics

Material

Sheet steel (EN 10130 DC01)

■ Body : 1.2 mm

■ Cover : 1.2 mm

Galvanized steel (EN 10346 DX51D+Z)

■ Mounting plate : 1.5 mm

Surface Finishing

■ RAL7035w Powder coating

Protection Degree

■ IP54 Cabinet Side (TS 3033, EN 60529)

■ IP34 Ambient Side (TS 3033, EN 60529)

Others

■ Digital control unit

■ Programmable door and alarm output contact

■ Two different power in same size/cut-out

■ Large fin space for minimum dust accumulation

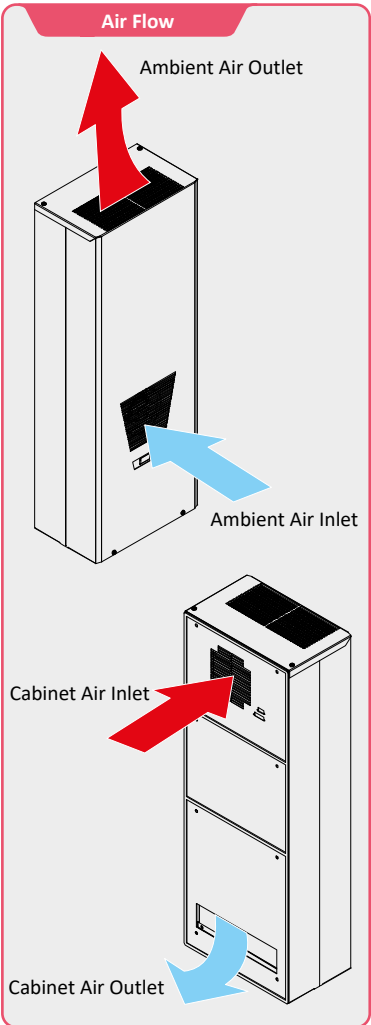
■ Fast and easy installation

■ Condensate drain output

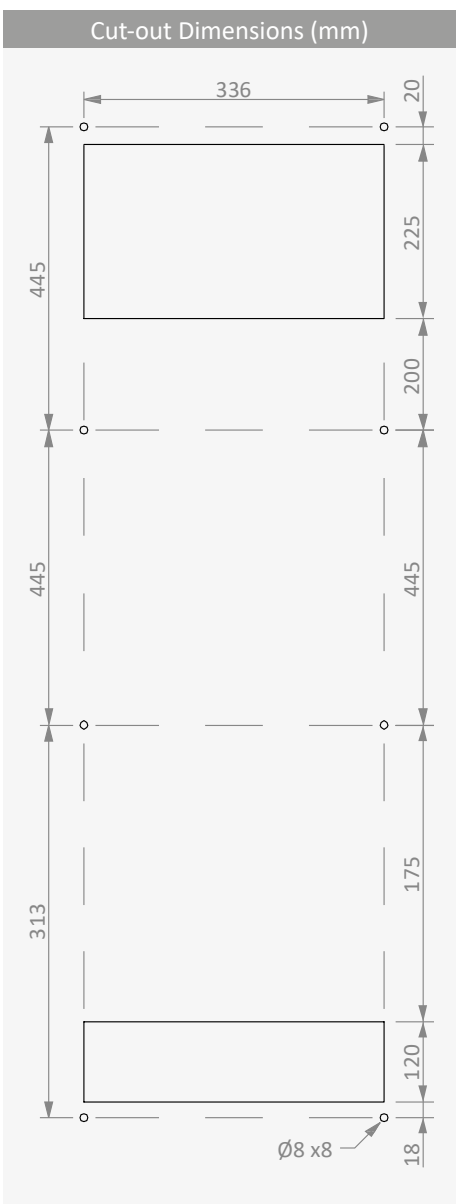
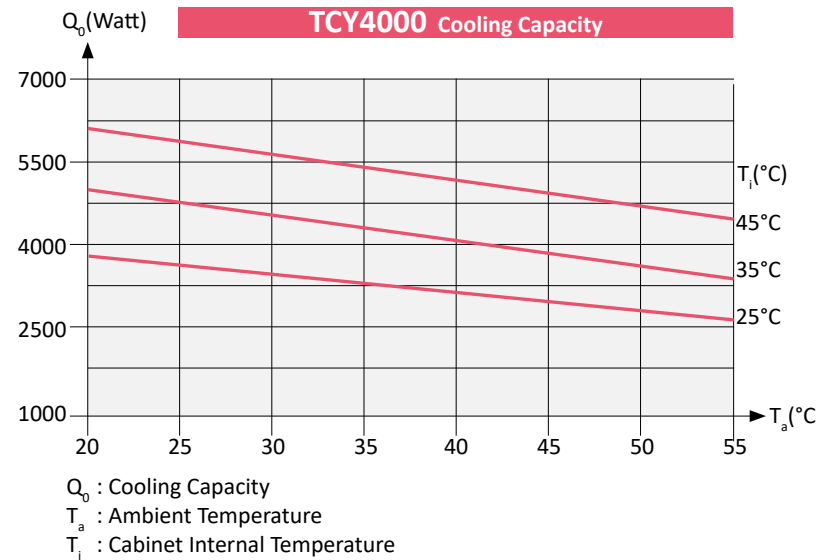
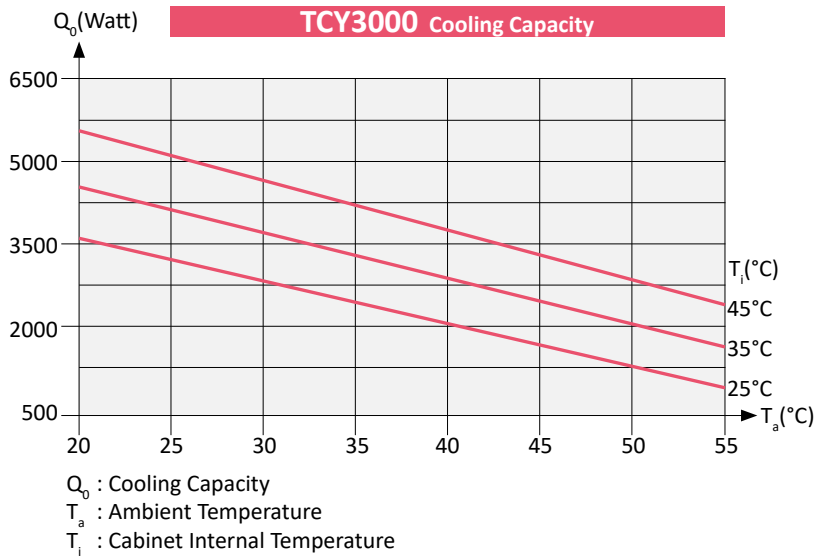
■ Maximum air inlet-outlet distance in cabinet side for optimum cooling performance

■ Optional easy fixing ambient side dust filter kit

■ Stainless steel versions on request



		TCY3000	TCY4000
Cooling Capacity (EN 14511)	A35 / A35	3200 W	4350 W
	L35 / L50	1620 W	3650 W
Voltage - Phase - Frequency		230 V 1~ 50 Hz	
Power Consumption	A35 / A35	1570 W	1700 W
Maximum Running Current	A35 / A50	9.5 A	9.0 A
Starting Current		28 A	30 A
Unimpeded Air Flow (Internal - External)		1200 m³/h - 1200 m³/h	1200 m³/h - 1200 m³/h
Control Type		Digital , door switch and alarm output	
Cabinet Temperature Limits		20°C - 45°C	
Ambient Temperature Limits		20°C - 55°C	
Refrigerant Type		R 134a	
Refrigerant Amount		800 g	1200 g
Dimensions (Width/Height/Depth)		436mm / 1300mm / 365mm	
Weight		75 kg	83 kg
Protection Degree (TS 3033, EN 60529)	Cabinet Side	IP 54	
	Ambient Side	IP 34	
Unit Construction		RAL 7035 Electrostatic Powder Coated Sheet Steel (optional Stainless) and Galvanized Sheet Steel	



Characteristics

Material

Sheet steel (EN 10130 DC01)

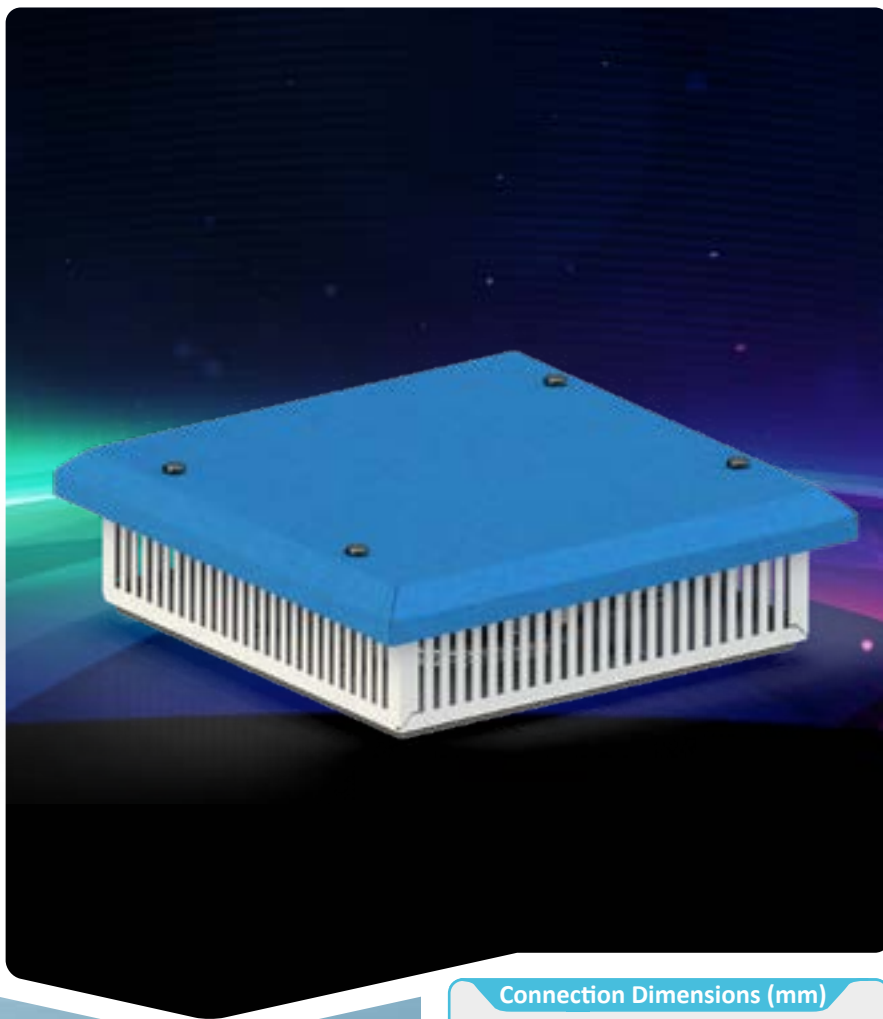
■ Body : 1.2 mm

■ Cover : 1.2 mm

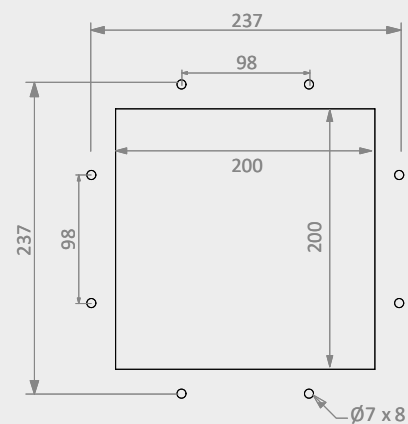
Galvanized steel (EN 10346 DX51D+Z)

Surface Finishing

■ RAL7035w Powder coating



Connection Dimensions (mm)



Ventilation with Fan

Reference No	Dimensions	Air Flow *	Voltage	Freq.	Power	Noise Level
	H x W x D					
	mm	m ³ /h	V _{AC}	Hz	W	dB(A)
TF011	100 x 350 x 350	650	230	50	65	68
TF021	100 x 350 x 350	860	230	50	100	73

Color: RAL7035w

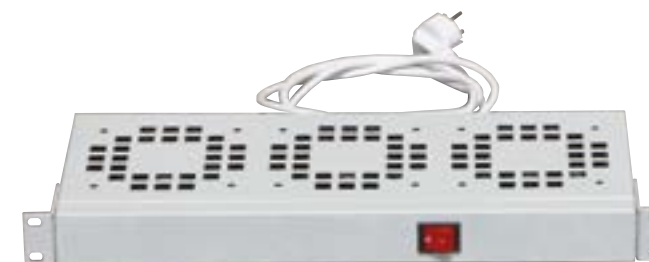
* Unobstructed air flow

Natural Ventilation

Reference No	G	Y	D
	mm	mm	mm
TF001	100	350	350

Color: RAL7035w

19" Rack Mount Fan Unit



Reference No	Height *	Number of Fans
PEC FR1031	1 U	3

Color: RAL7035w

* 1U: 44.45 mm



Reference No	Height *	Number of Fans
PEC FR1061	1 U	6

Color: RAL7035w

* 1U: 44.45 mm

Filters

Reference No	Dimensions	Installation Cut-out	Filter Mat	Protection Degree
	H x W x D			
	mm	mm	g/m ²	
TFA1000	105 x 105 x 14	92 x 92	150	IP43
TFA2000	150 x 150 x 31	125 x 125	150	IP54
TFA3000	250 x 250 x 36	223 x 223	150	IP54
TFA6000	325 x 325 x 36	291 x 291	150	IP54

Renk: RAL7035w



Fan Ventilations



TF5000A / TF6000A

Reference No	Voltage	Dimensions H x W x D	Installation Cut-out	Freq.	Air Flow *	Power	Protection Degree	Noise Level
	V _{AC}	mm						
TF5000A	230	325 x 325 x 163	291 x 291	50	925 / 637	65	IP54	59
				60	1010 / 696	75	IP54	61
TF6000A	230	325 x 325 x 164	291 x 291	50	1860 / 1395	107	IP54	69
				60	2040 / 1530	134	IP54	70

Color: RAL7035w

* Unimpeded air flow / Air flow in combination (Filter fan + Exhaust filter)



TF1000A



TF2000A



TF3000A

TF1000A / TF2000A / TF3000A

Reference No	Voltage	Dimensions H x W x D	Installation Cut-out	Freq.	Air Flow *	Power	Protection Degree	Noise Level
	V _{AC}	mm						
TF1000A	230	105 x 105 x 56	92 x 92	50	49 / 29	14	IP43	31
				60	59 / 34	11		35
TF2000A	230	150 x 150 x 76	125 x 125	50	145 / 97	19	IP54	34
				60	160 / 107	14		37
TF3000A	230	250 x 250 x 127	223 x 223	50	220 / 155	38	IP54	50
				60	240 / 170	35		52

Color: RAL7035w

* Unimpeded air flow / Air flow in combination (Filter fan + Exhaust filter)

Heaters

Reference No	Dimensions H x W x D	Heating Capacity	Voltage	Freq.	Connection	Protection Degree	tection egree
	mm						
THK15	60x50x27	15	100-250V AC-DC	50	Cable	IP20	IP20
THK25	70x50x27	25	100-250V AC-DC	50	Cable	IP20	IP20



Reference No	Dimensions H x W x D	Heating Capacity	Voltage	Freq.	Connection	Protection Degree	tection egree
	mm						
TH30	128x70x59	30	100-250V AC-DC	50	Terminal	IP20	IP20
TH50	138x70x59	50	100-250V AC-DC	50	Terminal	IP20	IP20
TH75	178x70x59	75	100-250V AC-DC	50	Terminal	IP20	IP20
TH100	188x70x59	100	100-250V AC-DC	50	Terminal	IP20	IP20
TH150	228x70x59	150	100-250V AC-DC	50	Terminal	IP20	IP20



Fan Heaters

Reference No	Dimensions H x W x D	Heating Capacity	Voltage	Freq.	Connection	Protection Degree	tection egree
	mm						
TFH100	170x89x60	100	230	50/60	Terminal	IP20	IP20
TFH150	210x89x60	150	230	50/60	Terminal	IP20	IP20
TFH250	152x110x80	250	230	50/60	Terminal	IP20	IP20
TFH500	182x110x80	500	230	50/60	Terminal	IP20	IP20
TFH750	232x110x80	750	230	50/60	Terminal	IP20	IP20



Thermostats

Reference No	Type		Dimensions H x W x D	Setting Range	Max. Switching Capacity 250 V _{AC} (Resistive Load)	Contact	ontact
			mm				
SCK060	Thermostat	Heater	60 x 43 x 33	0 - 60 °C	10 A	1 NC	1 NC
SGK060	Thermostat	Fan	60 x 43 x 33	0 - 60 °C	10 A	1 NO	1 NO



Lighting

Reference No	Rated Voltage	Power Consumption	Lamp Type	Switch	Socket	Connection	Mounting
LM AR ST LED 025	220V _{AC}	5 W	LED- Light Color	on/off light switch	-	2P Connector	Magnet
LM AR S 00 11 130	220V _{AC}	10 W	LED- Light Color	on/off light switch	2x16A Schuko	3P Terminal	Screw
LM AR S 00 11 131	220V _{AC}	10 W	LED- Light Color	on/off light switch	-	3P Terminal	Screw
LM AR S 00 11 135	220V _{AC}	6 W	LED- Light Color	sensor	-	2P Connector	Magnet
LM AR S 00 11 136	220V _{AC}	6 W	LED- Light Color	on/off light switch	-	2P Connector	Screw
LM AR S 00 11 140	220V _{AC}	11 W	LED- Light Color	on/off light switch	2x16A Schuko	3P Terminal	Magnet
LM AR S 00 11 141	220V _{AC}	11 W	LED- Light Color	on/off light switch	-	3P Terminal	Magnet



LM AR ST LED 025



LM AR S 00 11 130



LM AR S 00 11 131



LM AR S 00 11 135



LM AR S 00 11 136



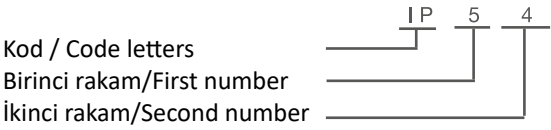
LM AR S 00 11 140



LM AR S 00 11 141

TEKNİK BİLGİLER / TECHNICAL APPENDIX

IP Koruma Sınıfı tanımlaması / Definition of IP Protection Degrees (IEC 60529 / EN 60529)



Kıatı cisimlere karşı koruma Protection against solid objects	
Birinci Rakam First Number	Tanımlama/Description
0	Koruma yok. No protection.
1	50 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter > 50mm.
2	12.5 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter > 12.5mm.
3	2.5 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter > 2.5mm.
4	1 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter > 1mm.
5	Toza karşı koruma (Zararsız hafif toz geçişi olabilir). Protected against dust (harmless amount permitted).
6	Toza karşı tam koruma. Completely protected against dust.

Sıvılara karşı koruma Protection against liquids	
İkinci Rakam Second Number	Tanımlama / Description
0	Koruma yok. No protection.
1	Düşey gelen su damlalarına karşı koruma. Protected against vertically dripping water.
2	Düşeyden 15° lik açıyla gelen su damlalarına karşı koruma. Protected against 15° (angle from the vertical) dripping water.
3	Düşeyden 60° lik açıyla gelen püskürtmeli su damlalarına karşı koruma. Protected against 60° (angle from the vertical) sprays of water.
4	Her yönden gelen püskürtmeli su damlalarına karşı koruma. Protected against every direction of sprayed water.
5	Her yönden gelen düşük basınçlı suya karşı koruma. (Zararsız çok az su geçişi olabilir). Protected against low pressure water jets from all directions. (harmless amount permitted).
6	Her yönden gelen basınçlı suya karşı koruma. (Zararsız çok az su geçişi olabilir). Protected against strong water jets from all directions (harmless amount permitted).
7	Temporary protected against immersion in water (water must not penetrade in harmfull quantity at described period). Geçici süre suya daldırmaya karşı koruma.
8	Uzun süre derin suda beklemeye karşı koruma. Protected against under pressure, long periods of immersion in water.

TEKNİK BİLGİLER / TECHNICAL APPENDIX

Dikdörtgen kesitli bakır baraların akım taşıma kapasiteleri
Permissible loading of copper main busbars and section busbars of rectangular cross-section

35°C ortam sıcaklığı, 30°C sıcaklık yükselmesi için /35°C ambient temperature, 30°C temperature rise

En x Kalınlık Width Thinckness (mm x mm)	Bara Kesiti Cross Section (mm²)	Ağırlık Weight (kg/m)	Akım Taşıma Kapasitesi [A] 50 Hz / Permissible Loading [A] with 50 Hz							
			Bara Adedi (Boyalı)/Number of Bars (Painted)				Bara Adedi (Çıplak)/Number of Bars (Bare)			
			I	II	III	IIII	I	II	III	IIII
12 x 2	24	0.21	125	250	--	--	110	220	--	--
15 x 2	30	0.27	155	270	--	--	140	240	--	--
15 x 3	45	0.40	185	330	--	--	170	300	--	--
20 x 2	40	0.36	205	350	--	--	185	315	--	--
20 x 3	60	0.54	245	425	--	--	220	380	--	--
20 x 5	100	0.89	325	550	--	--	290	495	--	--
25 x 3	75	0.67	300	510	--	--	270	460	--	--
25 x 5	125	1.12	385	670	--	--	350	600	--	--
30 x 3	90	0.80	350	600	--	--	315	540	--	--
30 x 5	150	1.34	450	780	--	--	400	700	--	--
40 x 3	120	1.07	460	780	--	--	420	710	--	--
40 x 5	200	1.78	600	1000	--	--	520	900	--	--
40 x 10	400	3.56	835	1500	2060	2800	750	1350	1850	2500
50 x 5	250	2.23	720	1200	1750	2300	630	1100	1500	2100
50 x 10	500	4.45	1025	1800	2450	3330	920	1620	2200	3000
60 x 5	300	2.67	825	1400	1980	2650	750	1300	1800	2400
60 x 10	600	5.34	1200	2100	2800	3800	1100	1860	2500	3400
80 x 5	400	3.56	1060	1800	2450	3300	950	1650	2200	2900
80 x 10	800	7.12	1540	2600	3300	4600	1400	2300	3100	4200
100 x 5	500	4.45	1310	2200	2950	3800	1100	2000	2600	3400
100 x 10	1000	8.90	1880	3100	4000	5400	1700	2700	3600	4800
120 x 10	1200	10.68	2200	3500	4600	6100	2000	3200	4200	5500
160 x 10	1600	14.24	2880	4400	5800	7800	2600	3900	5200	7000

Flexible bakır bara akım taşıma kapasitesi (A) / Flexible busbars current-carrying capacity (A)

Ortam sıcaklığının 20°C olması durumunda/ambient temperature up to 20°C

Genişlik Width (G) mm	Kalınlık Thicknes (K) mm	Bakır Levha Sayısı Number of copper(N)	Kesit Cross Section (mm²)	20° C	30° C	40° C	50° C	60° C	70° C	80° C	Bakır Ağırlığı Copper Weight (kg/m)	Brüt Ağırlık Gross Weight (kg/m)
15.5	0.8	2	24.8	102	128	149	167	183	197	209	0.221	0.278
15.5	0.8	3	37.2	143	179	208	233	255	274	291	0.331	0.391
20	1	2	40	172	215	250	280	306	329	350	0.356	0.427
20	1	3	60	222	278	324	363	397	427	453	0.534	0.607
24	1	4	96	288	360	420	470	514	553	587	0.854	0.941
32	1	5	160	397	496	578	648	708	762	809	1.424	1.536
40	1	6	240	530	663	773	866	947	1.018	1.081	2.136	2.272
40	1	8	320	642	803	936	1.048	1.146	1.233	1.309	2.848	2.969
40	1	10	400	728	911	1.061	1.189	1.300	1.397	1.484	3.560	3.707
50	1	5	250	572	716	834	934	1.021	1.098	1.167	2.225	2.385
50	1	10	500	860	1.076	1.253	1.404	1.535	1.651	1.754	4.450	4.624
63	1	10	630	990	1.239	1.443	1.617	1.768	1.901	2.019	5.607	5.816
100	1	10	1000	1226	1533	1.786	2.001	2.188	2.353	2.499	8.900	9.210

TECHNICAL APPENDIX

Information and Calculating the problem of temperature inside the cabinet

The problem of temperature inside the cabinet can be correctly solved only by understanding

the factors that contribute to the phenomenon.

ti : [°C] ; maximum temperature acceptable inside the cabinet,

te : [°C] ; maximum room temperature reachable outside the cabinet,

Δt : [°C] ; Δt = ti - te ; difference of temperature between the inside and outside of the cabinet,

S : [m2]; free cabinet surface,

Pti : [W] ; quantity of heat dissipated in the cabinet by components,

Pte : [W] ; quantity of heat dissipated or absorbed by cabinet surface,

Pt : [W] ;Pt = Pti ± Pte; total power to dissipate.

Natural dissipation :

Doğal ısı transferi, sıcaklık farkına sahip değişim halindeki iki akışkanın arasında oluşur.

Kabinlerde bu ısı transferi kabin yüzeyinde gerçekleşir. Eğer kabin içi sıcaklık ortam sıcaklığından yüksek ise

kabin içinde oluşan ısı kabin yüzeyinden dışarıya doğru yayılır. Eğer kabin içi sıcaklık

ortam sıcaklığından düşükse, kabin içindeki sıcaklık dışardan absorbe edilen ısı ile artacaktır.

Kabin yüzeyinden dışarı aktarılan veya absorbe edilen ısı miktarı aşağıdaki formül ile hesaplanabilir:

± Pte Pte = S x Δt x 5.5 [W] (for sheet steel cabinets)

if ti > te, IP < 54 ve Pt ≥ Pti - Pte , possible solution with natural dissipation by cabinet surface.

Removal of heat by 'grill and fans':

When the inner air pushed out by fans, the amount of heat removed from cabinet,

could be approximately calculated by this formula:

Pt = Δt x V x 0.348 [W]

V = [m3/h], effective air flow crossing the cabinet; the value depends on number of grills,

quantity of components in the cabinet and condition of the filters.

if ti > te, IP < 54 ve Pt ≥ Pti - Pte possible solution with grill and fans.

Removal of heat by 'air to air exchanger':

Air to air exchanger uses same concept like natural dissipation, the effect is similar

to an increasing of cabinet surface. The thermal exchange capacity could be calculated by this formula:

Pt = spf x Δt [W]

spf = [W/K], specific thermal coefficient of 'air to air exchanger'

if ti > te, IP ≥ 54 ve Pt ≥ Pti - Pte ; possible solution with 'air to air exchanger'.

Removal of heat by 'air conditioner' or 'air to water exchanger':

For the cabinet with the protection IP54 or higher and if ti ≤ te , available cooling systems are 'air conditioner' or

'air to water exchanger'. In this case the needed cooling capacity will bePt = Pti + Pte . The cooling power of 'air conditioner'

varies according to the room temperature. The declared values are at L35L35 (inside 35°C, outside 35°C) and L35L50

(inside 35°C, outside 50°C) according to DIN 3168 standards. The cooling power of 'air to water exchanger' is independent of the room

temperature and their performance graph depends on the water temperature.

	Cabinet IP > 54	Cabinet IP < 54
ti > te	Pt = Pti - Pte * Natural dissipation or ventilation system.	Pt = Pti - Pte * Air to air exchanger * Air conditioner * Air to water exchanger
ti = te	-----	Pt = Pti * Air to water exchanger * Air conditioner
ti < te	-----	Pt = Pti + Pte * Air to water exchanger * Air conditioner

TEKNİK BİLGİLER / TECHNICAL APPENDIX

Kabloların akım taşıma kapasitesi/Power rating of cables

30°C ortam sıcaklığı için /ambient temperature up to 30°C

Kablo Kesiti (mm2) Nominal Cross-Section	Grup 1 / Group 1		Grup 2 / Group 2		Grup 3 / Group 3	
	Akım Taşıma Kapasitesi (A) Copper Wire	Koruyucu Sigorta (A) Protective Fuse	Akım Taşıma Kapasitesi (A) Copper Wire	Koruyucu Sigorta (A) Protective Fuse	Akım Taşıma Kapasitesi (A) Copper Wire	Koruyucu Sigorta (A) Protective Fuse
0.75	--	--	12	6	15	10
1.00	11	6	15	10	19	16
1.50	15	10	18	16	24	20
2.50	20	16	26	20	32	25
4.00	25	20	34	25	42	32
6.00	33	25	44	32	54	50
10.00	45	32	61	50	73	63
16.00	61	50	82	63	98	80
25.00	83	63	108	80	129	100
35.00	103	80	135	100	158	125
50.00	132	100	168	125	198	160
70.00	165	125	207	160	245	200
95.00	197	160	250	200	292	250
120.00	235	200	292	250	344	315
150.00	--	--	335	250	391	315
185.00	--	--	382	315	448	400
240.00	--	--	453	315	528	400
300.00	--	--	504	400	608	500
400.00	--	--	--	--	726	630
500.00	--	--	--	--	830	630

Grup 1: Boru içinde bir veya daha

fazla tek damarlı PVC izoleli kablolar.

Grup 2: Havada çok damarlı PVC

izoleli kablolar.

Grup 3: Havada asgari kablo çapı aralığı ile

döşenmiş tek damarlı kablolar

Group 1: One or more single core cables and

insulated wires laid in duct i.e. PVC- sheathed

single cores H 03 V.. /H 05.. and H 07 V..

according to VDE 0281.

Group 2: Multi core cables, i.e. light PVC-

sheathed cables, flexible cables, metal-clad

wiring cables in open or ventilated conduits.

Group 3: Single core cables for outdoor

installation, laid in air with a spacing

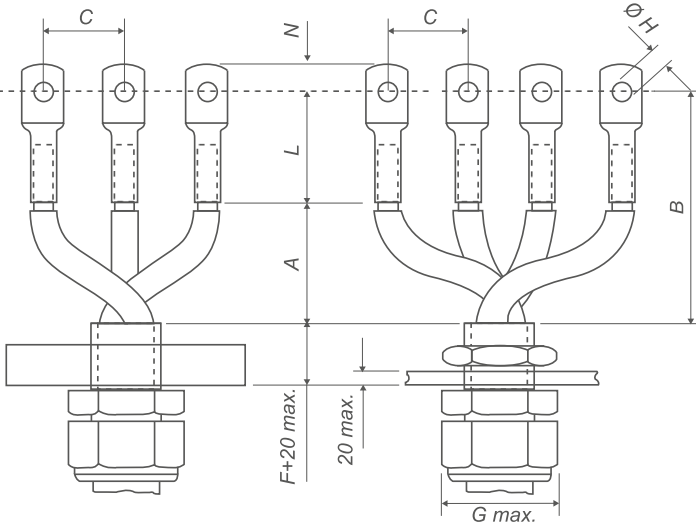
at least equal to cable diameter, such as

single core wirings for switch-and distribution

cabinets and rail line distributors.

Panolarda önerilen kablo bağlantı mesafeleri / Recommended cable connection distances in the cabinets

Cross-sectional area of cable conductor mm²	Dimensions (in mm)					
	Minimum			Maximum		Nominal
	A	B	C	D	E	F
10	55	91	W+20	6	55	6.4
16	65	103	W+20	6	55	8.4
25	85	127	W+20	10	70	8.4
35	95	142	W+20	10	70	8.4
50	115	167	W+20	10	70	8.4
70	135	197	W+20	10	97	10.5
95	155	224	W+20	10	97	10.5
120	170	245	W+20	10	108	13
150	190	272	W+20	10	108	13
185	210	297	W+20	10	108	13
240	235	333	W+20	10	137	13
300	270	375	W+20	10	137	13



PG Rakor ölçüleri/PG cable gland sizes

PG Rakor PG Size	Kablo çapı Ø min-maks (mm) For cable Ømin-max (mm)	Metrik Rakor Delinmesi gereken delik çapı Ø (mm) Hole diameter to be punched Ø (mm)
7	3 - 6.5	12.5
9	4 - 8	15.5
11	5 - 10	18.5
13,5	6 - 12	20.5
16	10 - 14	22.5
21	13 - 18	28.5
29	18 - 25	37.5
36	22 - 32	47
42	32 - 38	55
48	37 - 44	60

Metrik Rakor Ölçüleri/Metric cable gland sizes

Metrik Rakor Metric Size	Kablo çapı Ø min-maks (mm) For cable Ømin-max (mm)	Delinmesi gereken delik çapı Ø (mm) Hole diameter to be punched Ø (mm)
12	3 - 6,5	12.6
16	4 - 8	16.6
20	6 - 12	20.6
25	13 - 18	25.6
32	18 - 25	32.6
40	22 - 32	40.6
50	30 - 38	50.6
63	34 - 44	63.6

TEKNİK BİLGİLER / TECHNICAL APPENDIX

Brim dönüşüm tabloları / Coverion tables

Uzunluk / Length	cm	m	km	ıyd	ft	yd
cm	1	0,01	1 x 10 -5	0.3937	0.03281	0.01094
m	100	1	0,001	39.37	3.281	1.0936
km	1 x 105	1000	1	3.937 x 104	3280.8	1093.6
in (inch)	2.540	0.0254	2.54 x 10 -5	1	0.08333	0.0277
ft (foot)	30.48	0.3048	3.05 x 10 -4	12	1	0.3333
yd (yard)	91.44	0.9144	9.14 x 10 -4	36	3	1

Alan / Area	cm²	m²	km²	in²	ft²	yd²
cm²	1	0.0001	1 x 10 -10	0.155	0.00108	1.196 x10 -4
m²	1 x 104	1	1 x 10 -6	1550	10.763	1.196
km²	1 x 1010	1x106	1	1.55 x 109	1.08 x 107	1.196 x 106
in²	6.452	6.45 x 10 -4	6.45 x 10 -10	1	0.00694	7.716 x 10 -4
ft²	929.03	0.0929	9.29 x 10 -8	144	1	0.1111
yd²	8361.27	0.8361	8.36 x 10 -7	1296	9	1

Hacim / Volume	cm³	dm³ (lt)	km³	in³	ft³	yd³
cm³	1	0.001	1 x 10 -6	0.06102	3.531 x 10 -5	1.308 x 10 -6
dm³ (lt)	1000	1	0.001	61.023	0.03532	0.0013
m³	1 x 106	1000	1	61023.7	35.3146	1.3079
in³	16.387	0.01639	1.638 x 10 -5	1	5.787 x 10 -4	2.143 x 10 -5
ft³	2831 x 104	28.317	0.0283	1728	1	0.037
yd³	7.646 x 109	764.55	0.7646	46656	27	1

Ağırlık / Weight	gr	kg	oz	ıb
gr	1	0.001	0.03527	0.0022
kg	1000	1	35.27	2.2046
oz (once)	28.35	0.02835	1	0.0625
ıb (pound)	453.6	0.4536	16	1

Basınc / Pressure	mm Hg	bar	psi	kg / cm²	kPa
mm Hg	1	0.00133	0.0193	0.00136	0.133
bar	750	1	14.504	1.02	100
psi	51.715	0.068947	1	0.0703	6.895
kg / cm²	735.56	0.981	14.223	1	98.067
kPa	7.5	0.01	0.145	0.0102	1

Enerji / Energy	cal	joule	BTU	Hph	kWh
cal	1	4.187	0.00397	1.56 x 10 -6	1.16 x 10 -6
joule	0.2388	1	9.48 x 10 -4	3.73 x 10 -7	2.78 x 10 -7
BTU	252	1055	1	3.93 x 10 -4	2.93 x 10 -4
Hph	6.41 x 105	2.68 x 106	2544.4	1	0.7457
kWh	8.60 x 105	3.60 x 106	3412.1	1.341	1

Corrosivity Category	Corrosion Rates Of Metals				
	Units	Carbon Steel	Zinc	Cooper	Aluminium
C1 (very low)	g m-2 y-1 µm y-1	0 - 10 0 - 1.3	0 - 0.7 0 - 0.1	0 - 0.9 0 - 0.1	negligible
C2 (low)	g m-2 y-1 µm y-1	10 - 200 1.3 - 25	0.7 - 5 0.1 -0.7	0.9 - 5 0.1 - 0.6	0 - 0.6
C3 (medium)	g m-2 y-1 µm y-1	200 - 400 25 - 50	5 - 15 0.7 - 2.1	5 - 12 0.6 - 1.3	0.6 - 2
C4 (high)	g m-2 y-1 µm y-1	400 - 650 50 - 80	15 - 30 2.1 - 4.2	12 - 25 1.3 - 2.8	2 - 5
C5 (very high)	g m-2 y-1 µm y-1	650 - 1500 80 - 200	30 - 60 4.2 - 8.4	25 - 50 2.8 - 5.6	5 - 10

Korozyon Kategorileri ve Metal Dayanıklılığı

C1 (Çok Düşük Korozyon): Neredeyse hiç korozyonun olmadığı ortamlarda görülür. Bu koşullarda karbon çeliği, çinko, bakır ve alüminyum gibi metallerde çok düşük oranlarda korozyon gerçekleşir. Özellikle alüminyumda korozyon ihmal edilebilecek kadar küçüktür.

C2 (Düşük Korozyon): Hafif korozyona sahip ortamlarda, özellikle kapalı alanlarda veya ılıman iklim koşullarında yaygındır. Bu koşullarda karbon çeliği ve diğer metallerin korozyon oranları biraz artar, ancak hala oldukça düşüktür. Alüminyum, bu kategoride de oldukça dayanıklıdır.

C3 (Orta Korozyon): Dış mekanlarda, özellikle endüstriyel alanlarda veya şehir merkezlerinde orta dereceli korozyon etkisi görülür. Bu kategoride, karbon çeliği, çinko, bakır ve alüminyumda korozyon oranları artar. Özellikle karbon çeliği, daha fazla korozyon etkisi gösterir ve bu nedenle koruyucu önlemler gerekebilir.

C4 (Yüksek Korozyon): Deniz kenarındaki ortamlarda veya yüksek nemli endüstriyel alanlarda yüksek korozyon seviyeleri mevcuttur. Bu ortamda karbon çeliği, çinko ve bakır gibi metallerin korozyon oranları belirgin bir şekilde yükselir. Alüminyum nispeten daha dayanıklı olmakla birlikte, yine de belirli bir korozyon oranına maruz kalır.

C5 (Çok Yüksek Korozyon): Yoğun korozyonun yaşandığı ağır endüstriyel ve deniz ortamlarında geçerlidir. Bu koşullarda karbon çeliği ve çinko gibi metaller ciddi düzeyde korozyona uğrar. Bu tür ortamlarda malzeme seçimi ve koruyucu kaplamalar oldukça önemlidir.

Korozyonun Yönetimi ve Metal Seçimi Yönergeler

Korozyon, metal yüzeylerinde oluşarak zamanla mekanik özellikleri zayıflatır. Korozyon hızları ortam koşullarına göre değişir; dayanıklılığı artırmak için aşağıdaki faktörler dikkate alınmalıdır:

- Doğru Malzeme Seçimi: Tablo, farklı ortam koşullarında daha dayanıklı metallerin seçilmesine yardımcı olur. Örneğin, C5 seviyesinde karbon çeliği yerine kaplamalı veya daha dayanıklı malzemeler tercih edilebilir.
- Koruyucu Kaplamalar ve Boyalar: Yüksek korozyona maruz kalan ortamlarda koruyucu kaplamalar kullanılmalı; örneğin, çinko kaplama (galvanizleme) karbon çeliğinin dayanıklılığını artırabilir.
- Düzenli Bakım ve Kontrol: Yüksek korozyon riski taşıyan C4 ve C5 kategorilerinde periyodik bakım yapılması, korozyon hasarlarını azaltır.
- Uygun Ortam Koşulları: Korozyon hızını artıran nemli, tuzlu ve kirli ortamlardan korunmalı; yüksek riskli ortamlarda kapalı alanlar veya koruyucu bariyerler kullanılmalıdır.

Corrosion Categories and Metal Durability

C1 (Very Low Corrosion): Found in environments with almost no corrosion. In these conditions, metals such as carbon steel, zinc, copper, and aluminum experience very low levels of corrosion. In particular, corrosion in aluminum is negligible.

C2 (Low Corrosion): Common in environments with light corrosion, especially in enclosed spaces or temperate climate conditions. In these circumstances, the corrosion rates of carbon steel and other metals increase slightly, but they remain quite low. Aluminum is also quite durable in this category.

C3 (Moderate Corrosion): Moderate corrosion effects are observed outdoors, especially in industrial areas or city centers. In this category, corrosion rates increase for carbon steel, zinc, copper, and aluminum. Carbon steel, in particular, shows more corrosion effects and may require protective measures.

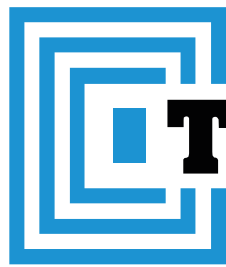
C4 (High Corrosion): High levels of corrosion are present in coastal environments or highly humid industrial areas. In this environment, the corrosion rates of metals such as carbon s teal, zinc, and copper significantly increase. Although aluminum is relatively more durable, it is still exposed to a certain level of corrosion.

C5 (Very High Corrosion): Applicable in heavy industrial and marine environments where intense corrosion occurs. In these conditions, metals like carbon steel and zinc suffer severe corrosion. Material selection and protective coatings are extremely important in such environments.

Corrosion Management and Metal Selection Guidelines

Corrosion occurs on metal surfaces and weakens mechanical properties over time. Corrosion rates vary according to environmental conditions; the following factors should be considered to enhance durability:

- Proper Material Selection: The table assists in choosing more durable metals for different environmental conditions. For example, instead of carbon steel at C5 levels, coated or more resistant materials may be preferred.
- Protective Coatings and Paints: Protective coatings should be used in environments with high corrosion exposure; for instance, zinc coating (galvanizing) can enhance the durability of carbon steel.
- Regular Maintenance and Inspection: Periodic maintenance in C4 and C5 categories, which carry a high corrosion risk, helps reduce corrosion damage.
- Appropriate Environmental Conditions: Protection should be provided against humid, salty, and dirty environments that increase corrosion rates; enclosed spaces or protective barriers should be used in high-risk environments.



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