

CS Wall-Mounted Sheet Steel Enclosures with Mounting Plate



Product Information

CS Wall-mounted Sheet Steel Enclosures
with Mounting Plate

Accessories



Powering Business Worldwide

MOELLER 

An Eaton Brand

CS Wall-Mounted Sheet Steel Enclosures

Technical features at a glance

Available in 45 sizes ...
from 250x200x150 mm to 1200x1200x250 mm

The stable CS enclosures series made of solid sheet steel is ideal wherever an effective protection against direct contact with live parts is required. The high degree of protection (IP65) not only provides full protection against most adverse environmental conditions, but also protects the systems and equipment inside the enclosures against their harmful consequences.

Tightness is guaranteed through a continuously foamed polyurethane sealing. An all-around rainwater drain profile prevents liquids (such as water or oil) and dirt from penetrating when opening the door.

Shock resistance rating is IK09 according to EN 62262, hence the inside equipment of the enclosures is also protected against mechanical impacts. CS enclosures can be installed as wall-mounted enclosures. A rough-type paint applied in the powder-coating method provides for non-abrasive corrosion protection.

The door of the enclosure is easy to remove in case any further mechanical work needs to be carried out. Concealed inside hinges according quick-change technology are easy to remove for this purpose and provide for quick and easy reversal of the hinging from left to right and vice-versa.

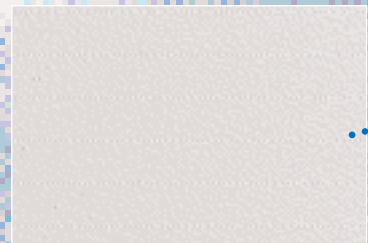
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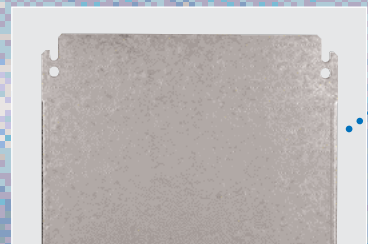
- **Rainwater drain profile**
Prevents liquids (such as water or oil) and dirt from penetrating when opening the door.



- **RAL7035**
Surface and corrosion protection through a rough-type powder-coating inside and out, RAL 7035.



- **Mounting plate**
Galvanized sheet steel 2 - 3 mm thick for safe installation of switchgear and basic EMC protection.



- **Flange plate**
With coextruded seal, sheet steel for own production. The enclosure can be turned by 180° for cable insertion at the top or bottom.



- **Stable design of the enclosures**

Made of high-grade sheet steel.
Protection against mechanical impact.



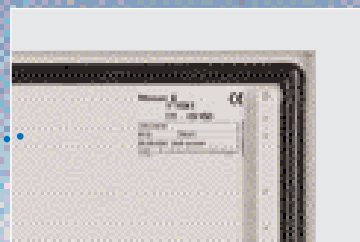
- **Wall-mounting brackets**

For fixing the enclosures on the wall. Mounting in horizontal and vertical direction possible.



- **Foamed sealing**

Guarantees absolute tightness. IP65 is guaranteed for the entire series.



- **Standardized locking system**

with twist lock.
For use with standardized locks.



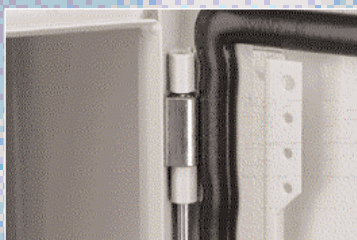
- **Door-hinging**

Optionally left or right-hinged on either 2 or 3 inside hinges.



- **Hinge bolt with quick-change technology**

For quick and easy removal of the door in case of further work to be carried out.



Ordering data

- Customized solutions upon request:
- Different RAL colours
 - Cut-outs and holes according to customer specifications
 - Sizes other than those between CS-2520/150 and CS-1212/250

CS Wall-Mounted Sheet Steel Enclosures with Mounting Plate

Illustration	Dimensions [mm]			Number of doors	Number of locks	Number of hinges	Door-Profiles Number
	Height A	Width B	Depth C				
	250	200	150	1	1	2	1
	300	200	150	1	1	2	1
	300	300	150	1	1	2	2
	300	300	200	1	1	2	2
	300	400	200	1	1	2	2
	400	300	150	1	1	2	2
	400	300	200	1	1	2	2
	400	400	150	1	1	2	2
	400	400	200	1	1	2	2
	400	600	200	1	1	2	2
	400	600	250	1	1	2	2
	400	600	300	1	1	2	2
	500	400	150	1	2	2	2
	500	400	200	1	2	2	2
	500	400	250	1	2	2	2
	500	500	250	1	2	2	2
	600	400	150	1	2	2	2
	600	400	200	1	2	2	2
	600	400	250	1	2	2	2
	600	500	150	1	2	2	2
	600	500	200	1	2	2	2
	600	500	250	1	2	2	2
	600	600	200	1	2	2	2
	600	600	250	1	2	2	2
	600	600	300	1	2	2	2
	600	800	300	1	2	2	2
	700	500	200	1	2	2	2
	700	500	250	1	2	2	2
	800	400	200	1	2	3	2
	800	400	250	1	2	3	2
800	600	200	1	2	3	2	
800	600	250	1	2	3	2	
800	600	300	1	2	3	2	
800	800	200	1	2	3	2	
800	800	300	1	2	3	2	
800	1000	300	1	2	3	2	
	1000	600	250	1	3P	3	2
	1000	600	300	1	3P	3	2
	1000	800	250	1	3P	3	2
	1000	800	300	1	3P	3	2
	1000	1000	300	1	3P	3	2
	1200	600	250	1	3P	3	2
	1200	800	300	1	3P	3	2
	1200	1000	300	1	3P	3	2
	1200	1200	250	1	3P	3	2

3P: 3-Point-Locking-System

Flange plates		max. F3A	Dimensions [mm] of mounting plate	Weight [kg] incl. mounting plate	Code	Article No.	Units per Package
Number	t1 x t2 [mm]						
1	112 x 182	0	220 x 150	3.4	CS-2520/150	111646	1
1	112 x 182	0	270 x 150	3.9	CS-32/150	111647	1
1	112 x 232	0	270 x 250	5.2	CS-33/150	111648	1
1	172 x 262	1	270 x 250	6.1	CS-33/200	111649	1
1	172 x 332	1	250 x 370	7.4	CS-34/200	111680	1
1	112 x 232	0	370 x 250	6.6	CS-43/150	111681	1
1	172 x 262	1	370 x 250	7.6	CS-43/200	111682	1
1	112 x 332	0	370 x 350	8.7	CS-44/150	111683	1
1	172 x 332	1	370 x 350	9.7	CS-44/200	111684	1
1	172 x 532	2	350 x 570	13.4	CS-46/200	111685	1
1	172 x 532	2	350 x 570	14.3	CS-46/250	111686	1
1	172 x 532	2	350 x 570	15.7	CS-46/300	111687	1
1	112 x 332	0	470 x 350	10.1	CS-54/150	111688	1
1	172 x 332	1	470 x 350	10.9	CS-54/200	111689	1
1	172 x 332	1	470 x 350	11.9	CS-54/250	111690	1
1	172 x 432	1	470 x 450	14.5	CS-55/250	111691	1
1	112 x 332	0	570 x 350	12.4	CS-64/150	111692	1
1	172 x 332	1	570 x 350	13.2	CS-64/200	111693	1
1	172 x 332	1	570 x 350	14.5	CS-64/250	111694	1
1	112 x 332	0	570 x 450	15.4	CS-65/150	111695	1
1	172 x 432	1	570 x 450	16.8	CS-65/200	111696	1
1	172 x 432	1	570 x 450	17.1	CS-65/250	111697	1
1	172 x 532	2	570 x 550	21.8	CS-66/200	111698	1
1	172 x 532	2	570 x 550	23.1	CS-66/250	111699	1
1	172 x 532	2	570 x 550	24.5	CS-66/300	111700	1
1	172 x 732	3	550 x 770	34.8	CS-68/300	111701	1
1	172 x 432	1	670 x 450	21.1	CS-75/200	111702	1
1	172 x 432	1	670 x 450	21.6	CS-75/250	111703	1
1	172 x 332	1	770 x 350	21.7	CS-84/200	111704	1
1	172 x 332	1	770 x 350	23.2	CS-84/250	111705	1
1	172 x 532	2	770 x 550	30.2	CS-86/200	111706	1
1	172 x 532	2	770 x 550	32.8	CS-86/250	111707	1
1	172 x 532	2	770 x 550	34.9	CS-86/300	111708	1
1	172 x 732	3	770 x 750	39.0	CS-88/200	111709	1
1	172 x 732	3	770 x 750	42.8	CS-88/300	111710	1
1	172 x 932	3	750 x 970	54.2	CS-810/300	111711	1
1	172 x 532	2	970 x 550	43.3	CS-106/250	111712	1
1	172 x 532	2	970 x 550	45.4	CS-106/300	111713	1
1	172 x 732	3	970 x 750	55.5	CS-108/250	111714	1
1	172 x 732	3	970 x 750	56.1	CS-108/300	111715	1
1	172 x 932	3	970 x 950	68.0	CS-1010/300	111716	1
1	172 x 532	2	1170 x 550	50.2	CS-126/250	111717	1
1	172 x 732	3	1170 x 750	67.7	CS-128/300	111718	1
1	172 x 932	3	1170 x 950	83.2	CS-1210/300	111719	1
2	2x 172x532	4	1170 x 1150	94.2	CS-1212/250	111720	1

Accessories

Set of Wall-Mounting Brackets

- For fixing the enclosures on the wall
- Vertical or horizontal mounting
- Material of the angles: Galvanized sheet steel 3 mm
- One set includes 4 wall-mounting angles plus mounting accessories

VT08209

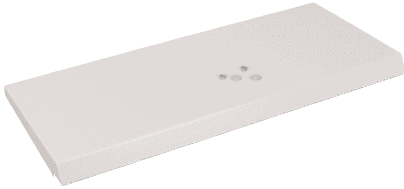


For enclosure	Type Designation	Article No.	Units per Package
CS	WFB-SET-CS	112639	1

Canopy

- For direct fixing on the base body of the enclosures
- Material: Sheet steel, powder-coated, RAL7035
- Fastening material included in the delivery

VT07309

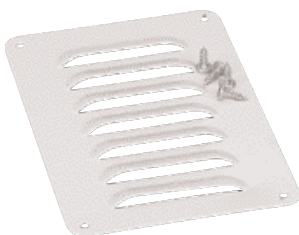


For enclosure sizes [mm]			Type Designation	Article No.	Units per Package
Width	Depth	Height of Top			
200	150	30	CNP-2/150-CS	112890	1
300	150	30	CNP-3/150-CS	112891	1
300	200	34	CNP-3/200-CS	112892	1
400	150	30	CNP-4/150-CS	112893	1
400	200	34	CNP-4/200-CS	112894	1
400	250	38	CNP-4/250-CS	112895	1
500	150	30	CNP-5/150-CS	112896	1
500	200	34	CNP-5/200-CS	112897	1
500	250	38	CNP-5/250-CS	112898	1
600	200	34	CNP-6/200-CS	112899	1
600	250	38	CNP-6/250-CS	112900	1
600	300	42	CNP-6/300-CS	112901	1
800	200	34	CNP-8/200-CS	112902	1
800	250	38	CNP-8/250-CS	112903	1
800	300	42	CNP-8/300-CS	112904	1
1000	300	42	CNP-10/300-CS	112905	1
1200	250	38	CNP-12/250-CS	112906	1

Ventilation Louvers

- For direct fixing on the base body of the enclosures
- Material: Sheet steel, powder-coated, RAL7035
- Fastening material included in the delivery
- Degree of protection IP23

VT07509



Positioning of the slots	Dimensions [mm]		Type Designation	Article No.	Units per Package
	Height	Width			
vertical	157	105	LVP-20V12-CS	112907	1
horizontal	164	105	LVP-20H12-CS	112908	1
vertical	180	130	LVP-30V15-CS	112909	1
horizontal	250	130	LVP-30H15-CS	112910	1

LC_CS_Schloss



Locks with Inserts

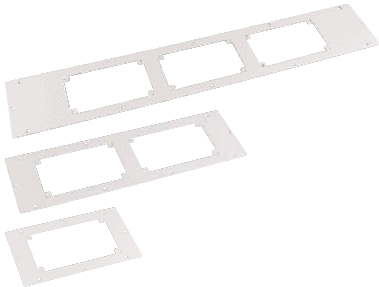
Method of Actuating	Material	Symbol	Type Designation	Article No.	Units per Package
3mm Two-way key bit	Metal	☉	LCM3-CS	112911	1
5mm Two-way key bit	Polyamide	☉	LCP5-CS	112912	1
5mm Two-way key bit	Metal	☉	LCM5-CS	112913	1
Cylinder *)	Polyamide	ⓘ	LCPZ-CS	116396	1
Cylinder *)	Metal	ⓘ	LCMZ-CS	116395	1

*) gleichschließend

Bottom Panels with F3A Flange Openings ¹⁾

- With foamed sealing, IP55 degree of protection max. if F3A is correctly applied
- Material: Sheet steel, powder-coated, RAL7035
- Can also be used as a top panel after turning the enclosure by 180°

VT19007, VT19107, VT19207

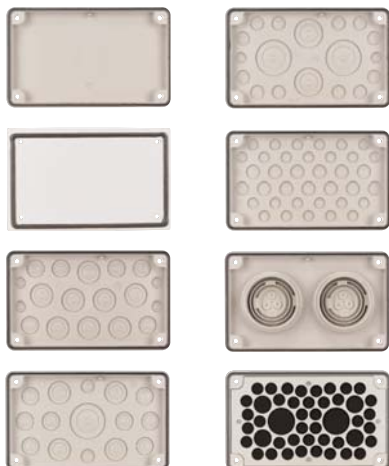


For enclosure sizes [mm] Width	No. of F3A flanges	Type Designation	Article No.	Units per Package
300	1	AFP-3-CS	112914	1
400	1	AFP-4-CS	112915	1
500	1	AFP-5-CS	112916	1
600	2	AFP-6-CS	112917	1
800	3	AFP-8-CS	112918	1
1000	3	AFP-10-CS	112919	1
1200	2 x 2	AFP-12-CS	112920	1

¹⁾ Do not apply for CS-.../150

F3A Flanges

VT17407, VT09208, VT17507, VT17307, VT17607, VT17707, VT17807, VT17207



	Type Designation	Article No.	Units per package
Blind flange	F3A-0	074182	1
Blind flange, steel sheet	F3A-XP	113426	1
4xM16, 6xM25/16, 8xM32/20	F3A-4	081301	1
2xM20, 8xM25/16, 4xM32/20, 1xM50/32	F3A-8	091468	1
2xM16, 12xM20, 2xM40/25, 2xM50/32	F3A-12	076555	1
24xM16, 13xM20	F3A-34	078928	1
2 Grommets for cables up to Ø 70mm	F3A-KTD	083674	1
Cellular rubber insertion flange 40 cables Ø 10-13mm 4 cables Ø 17-21mm 2 cables Ø 27-30mm	F3A-D	010145	1

Accessories

	Cable Insertion	Hole Diameter mm	Outer Cable Diameter mm	Use of Cable NYM/NYY, 4-wire mm ²	Type Designation	Article No.	Units per Package
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VT06508



Membrane Grommets - Metric

- IP66, with integrated insertion membrane
- PE and thermoplastic elastomer, halogen-free

M16	16.5	1 – 9	H03VV-F3 x 0.75 mm ² , NYM 1 x 16/3 x 1.5 mm ²	KT-M16	216983	100
M20	20.5	1 – 13	H03VV-F3 x 0.75 mm ² , NYM 5 x 1.5/5 x 2.5 mm ²	KT-M20	207602	100
M25	25.5	1 – 18	H03VV-F3 x 0.75 mm ² , NYM 4 x 10 mm ²	KT-M25	207603	100
M32	32.5	1 – 25	H03VV-F3 x 0.75 mm ² , NYM 4 x 16/5 x 10 mm ²	KT-M32	207604	100

VT05708



Cable Glands - Metric, According to EN 50262

Cable glands, metric, with counternut and integrated strain relief

- IP68 up to 5 bar, polyamide, halogen-free
- Fire classification V2 according to UL94

M12	12.5	3 – 7	H03VV-F 3 x 0.75 mm ² , NYM 1 x 2.5 mm ²	V-M12	215078	20
M16	16.5	4.5 – 10	H03VV-F 3 x 1.5 mm ² , NYM 1 x 16/3 x 1.5 mm ²	V-M16	215077	20
M20	20.5	6 – 13	H05VV-F 4 x 2.5/3 x 4 mm ² , NYM 5 x 1.5/5 x 2.5 mm ²	V-M20	206910	20
M25	25.5	9 – 17	H05VV-F 5 x 2.5/5 x 4 mm ² , NYM 5 x 2.5/5 x 6 mm ²	V-M25	206911	20
M32	32.5	13 – 21	NYM 5 x 10 mm ²	V-M32	206912	10
M40	40.5	16 – 28	NYM 5 x 16 mm ²	V-M40	209668	10
M50	50.5	21 – 35	NYM 4 x 35/5 x 25 mm ²	V-M50	206913	5
M63	63.5	34 – 48	NYM 4 x 35 mm ²	V-M63	214835	3

VT06708



Multiple sealing, metric, for cable glands V-M...

M25	–	4 x 5 – 6	H03VV-F 2 x 0.75/3 x 0.75 mm ²	MFD25	215451	25
M32	–	4 x 3.5 – 7	H03VV-F 4 x 0.75 mm ²	MFD32	215452	25

VT07208



Sealing plugs for spare openings in multiple sealing MFD...

M25	–	–	–	MFV25-6	215453	50
M32	–	–	–	MFV32-7	215454	50

VT05608



Grommets

- For a panel thickness of 2 to 3 mm
- PVC

–	58	14 – 54	–	KT3	031523	2
–	75	14 – 68	–	KT4	036269	3

Cable Insertion	Hole Diameter mm	Outer Cable Diameter mm	Use of Cable NYM/NYY, 4-wire mm ²	Type Designation	Article No.	Units per Package
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Grommets/Cable Glands for Pressure Compensation

Ventilation grommet with filter disc, metric

- For use at the bottom or side of the enclosures, PE and PVC

VT06608



M25	25.5	–	–	KT-M25F	224556	50
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Cable gland for ventilation IP56

- For use at the bottom or side of the enclosures, polyamide, halogen-free
- Permeable to air, non-permeable to dust
- To prevent condensation of water

VT05808



M20	20.5	–	–	STB-M20F	224557	20
M25	25.5	–	–	STB-M25F	224558	20

Earthing set for door, BFZ-DES

- Cross section 6 mm²
- Inclusive assembly accessories

VT19305



Description	Type Designation	Article-No.	Units per package
	BFZ-DES	101665	1

Circuit Diagram Bag SPT

- Made of insulating material, fixing by self-sticker, RAL 7035 light gray

wa_vt04907



Description	Type Designation	Article No.	Units per package
DIN A4 crosswise	SPT4	002275	1
DIN A5 crosswise	SPT5	002276	1
DIN A6 crosswise	SPT6	002277	1



Flask with Brush Applicator, BPZ-CPS-7035



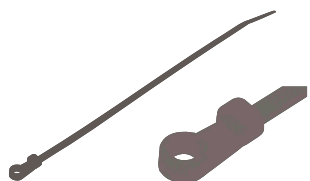
VT09405



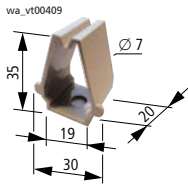
Colour	Type Designation	Article No.	Units per package
RAL 7035	BPZ-CPS-7035	286771	1

Accessories

		Suitable for	Designation	Article No.	Units per package		
 VT05308		Support Frame <ul style="list-style-type: none"> • for door installations • for measuring instruments EQ 					
		EQ72	72 x 72 mm	BT434	088379	10 pcs.	
 VT05208		EQ96	96 x 96 mm	BT435	090752	10 pcs.	
Length	Width	Bundle Range	Special Features	Tensile Strength	Type	Article No.	Units per Package
mm	mm	mm		N			

		ITB Industrial Cable Tie Wraps <ul style="list-style-type: none"> • For bundling up and fixing of wires, wire harnesses, conduits, pipes ... • Continuously ribbed to the tip • Temperature resistant from -40 to +85° C • Material PO 6.6, natural colour, low flammability UL 94 V2 • Resistant to oils, petrol, salt water; solvents, mould 							
 VT08809		98	2,5	21	-	8	ITB1	083550	1000 pcs,
 VT08909		140	3,6	35	-	13	ITB2	085923	1000 pcs.
 VT09009		205	4,2	60	With Mounting Eye 4.8 mm	220	ITB3	088296	100 pcs

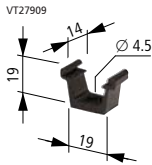
Supplied in lengths of mm	Cable carrying capacity. Max. no. of cables (approximate)	Type and cross-section		Designation	Article No.	Units per package
		H 0... V-K mm ²	H 0... V-K AWG			



Cable support brackets

- Can be used in KL25/35 (K) cable ducts, screw fixing

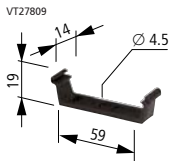
–	15	4	–	KH25/35	078974	20 pcs.
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Clamping brackets for cable ducts

KL25/...: Fixing interval less than 500 mm

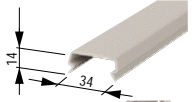


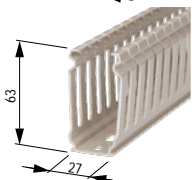
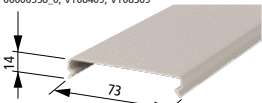
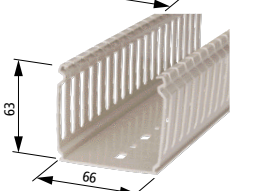
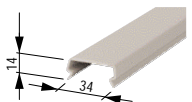
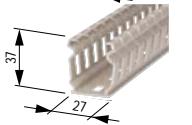
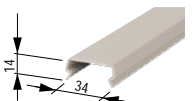
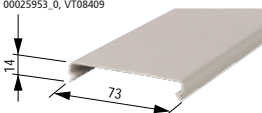
–	–	–	–	KK25	081347	100 pcs.
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K60/60: Fixing interval less than 300 mm

–	–	–	–	KK60	083720	100 pcs.
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Accessories

	Supplied in lengths of mm	Cable carrying capacity. Max. no. of cables (approximate)	Type and cross-section		Designation	Article No.	Units per package
			H 0... V-K mm ²	H 0... V-K AWG			
Cable ducts							
Screw fixing							
  <small>00006558_0, VT08709, VT08509</small>	1500	60	0.75	–	KL25/35	012531	60 pcs.
		40	1.5	14			
		25	2.5	10			
		15	4	–			
  <small>00006558_0, VT08409, VT08309</small>	1500	100	0.75	–	KL25/60	017277	40 pcs.
		70	1.5	14			
		45	2.5	10			
		30	4	–			
		25	6	–			
  <small>00006558_0, VT08409, VT08309</small>	1500	260	0.75	–	KL60/60	029142	20 pcs.
		180	1.5	14			
		120	2.5	10			
		80	4	–			
		65	6	–			
Self-adhesive							
• Max. ambient temperature +55°C							
 	650	60	0.75	–	KL25/35K	014904	50 pcs.
		40	1.5	2			
		25	2.5	10			
Cable duct cover							
• Supplied as spares							
 <small>00025953_0, VT08409</small>	1500	–	–	–	KD25	019649	1 pc.
	1500	–	–	–	KD60	024395	1 pc.



Technical Specifications

CS Wall-Mounted Sheet Steel Enclosures with Mounting Plate



Degree of protection	IP65 IK09
Standards	IEC/EN 60529 IEC 62262, IEC/EN 62208

Marking **CE**

Scope of delivery

- Mounting plate incl. fastening material
- Flange blind plate with mounting accessories
- Sealing plugs to be used for closing holes
- Fastening material for earth conductor connection
- 1 key

Design

Base body of the enclosure

Stable design of the enclosures thanks to sheet steel of 1.2 mm thickness and 1.5 mm as of enclosure width 600 and 2.0 mm as of 1000x600 enclosure.

Bent and seam-welded. The rear panel features holes of 10 mm diameter for wall-mounting.

Door

Sheet steel of 1.2 mm thickness or 1.5 mm as of enclosure size 400x400. Door is right-hinged and offers an opening angle of 120°. Thanks to easy-to-remove hinges it can optionally be left or right-hinged. The hinges are concealed inside the enclosure. Tightness is guaranteed through a continuously foamed polyurethane sealing. Door profile with perforations every 25 mm standard for all enclosure sizes.

Mounting plate

2.0 mm galvanized sheet steel, 3.00 mm as of enclosure size 800x400. Distance to the rear wall 20 mm. The mounting plate can be mounted from inside, on M8 threaded copper welding pins at the rear of the enclosures. The mounting plate is thus automatically connected with the corpus electrically. A protective grounding connection is additionally not necessary.

Lock

Polyamide twist lock with protective insulation. Standard locking with a 3 mm two-way key bit. One lock up to a height of 400 mm, two locks as of a height of 500 mm. At a height of 1000 mm with 3-Point-Locking-System.

Flange plate opening

Positioned in the rear area of the enclosures for easy wiring on the mounting plate.

Surface

Base body and door in light-grey, RAL7035, rough-type polyester powder-coating.




RoHS

The CS enclosure series complies with the requirements of the 2002/95/EC Directive of the European Parliament and of the Council.

General Information

Resistance to climatic influences	Constant, moist heat in compliance with IEC 60068-2-78, cyclical in compliance with IEC 60068-2-30
Ambient temperature	-40°C / +70°C
Load of wall-mounting	490 kg with vertically and horizontally fixed mounting angles, symmetrical load
Material plastic	free from halogen
Resistance of plastics to glow wire	650°C
Intended location	outdoor and indoor

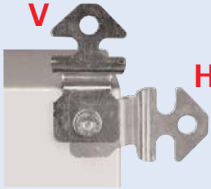
Maximum assembly weight

	Max. kg Enclosure	Max. kg Mounting Plate	Max. kg Door
			
CS-2520/150	150	125	25
CS-32/150	150	125	25
CS-33/150	150	125	25
CS-33/200	150	125	25
CS-34/200	175	150	25
CS-43/150	175	150	25
CS-43/200	175	150	25
CS-44/150	225	200	25
CS-44/200	225	200	25
CS-46/200	225	200	25
CS-46/250	225	200	25
CS-46/300	225	200	25
CS-54/150	225	200	25
CS-54/200	225	200	25
CS-54/250	225	200	25
CS-55/250	225	200	25
CS-64/150	225	200	25
CS-64/200	225	200	25
CS-64/250	225	200	25
CS-65/150	275	250	25
CS-65/200	275	250	25
CS-65/250	275	250	25
CS-66/200	275	250	25
CS-66/250	275	250	25
CS-66/300	275	250	25
CS-68/300	275	250	25
CS-75/200	275	250	25
CS-75/250	275	250	25
CS-84/200	325	300	25
CS-84/250	325	300	25
CS-86/200	325	300	25
CS-86/250	325	300	25
CS-86/300	325	300	25
CS-88/200	325	300	25
CS-88/300	325	300	25
CS-810/300	390	350	40
CS-106/250	390	350	40
CS-106/300	390	350	40
CS-108/250	390	350	40
CS-108/300	390	350	40
CS-1010/300	390	350	40
CS-126/250	390	350	40
CS-128/300	390	350	40
CS-1210/300	390	350	40
CS-1212/250	390	350	40

Technical Specifications

Maximum assembly weight per set

Adjustment of bracket symmetrical load n brackets position bracket



F [N]
< 4900

V or H 490 kg 4 top and bottom

Amount of heat to be dissipated

Amount of heat to be dissipated (power loss) P_L [W] for all-over closed, wall-mounted Moeller CS sheet steel enclosures without internal separations

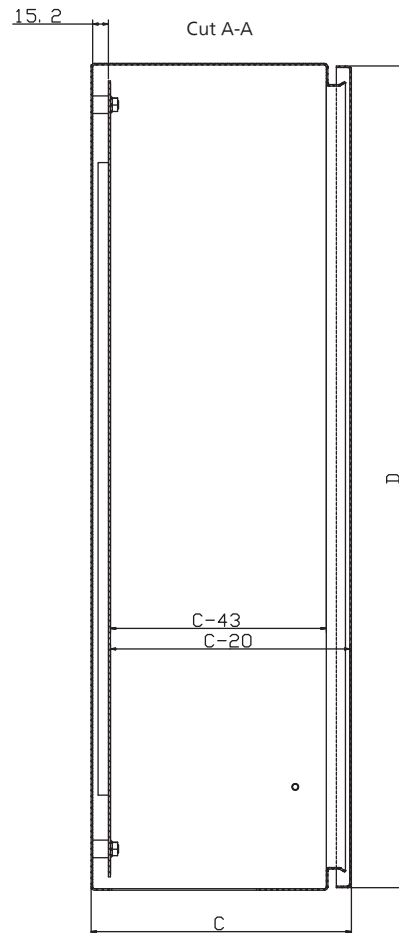
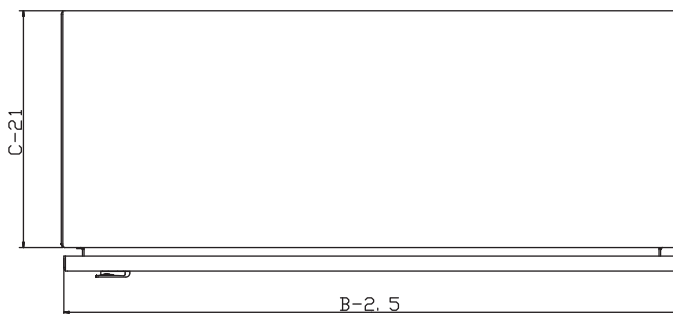
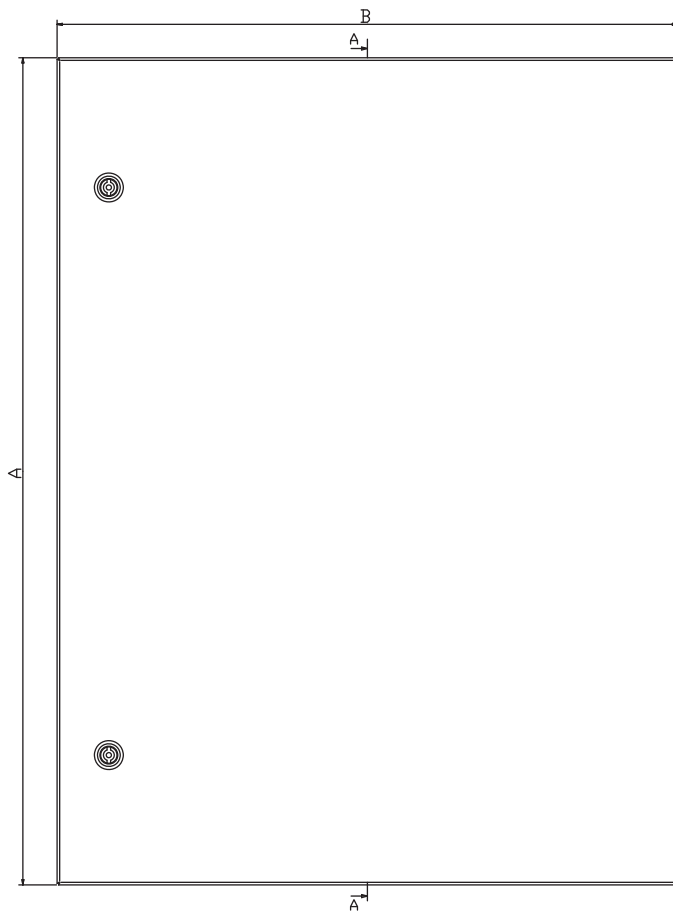
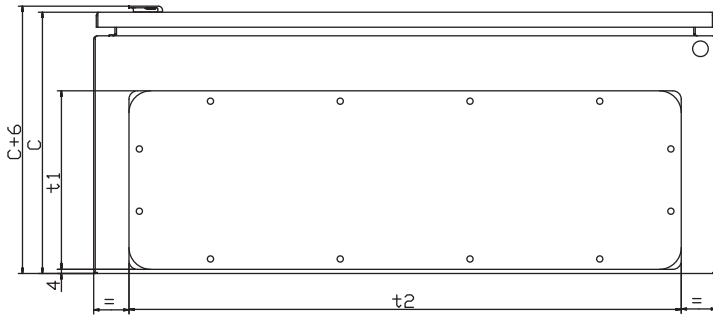
Example: Max. ambient temperature 35°C; excess temperature $\Delta T = 20$ K; relative humidity = 75%

Code	Max. power loss P_L Single wall-mounted enclosure	Max. power loss P_L First wall-mounted enclosure	Max. power loss P_L Wall-mounted enclosure in the center
CS-2520/150	11 W	10 W	9 W
CS-32/150	13 W	11 W	10 W
CS-33/150	16 W	15 W	14 W
CS-33/200	19 W	18 W	16 W
CS-34/200	23 W	22 W	21 W
CS-43/150	21 W	19 W	18 W
CS-43/200	24 W	22 W	20 W
CS-44/150	25 W	24 W	22 W
CS-44/200	29 W	27 W	25 W
CS-54/150	30 W	28 W	27 W
CS-54/200	35 W	32 W	30 W
CS-46/200	39 W	37 W	35 W
CS-46/250	44 W	42 W	39 W
CS-46/300	49 W	46 W	43 W
CS-54/250	39 W	36 W	33 W
CS-55/250	45 W	42 W	39 W
CS-64/150	35 W	33 W	31 W
CS-64/200	40 W	37 W	34 W
CS-65/150	42 W	39 W	37 W
CS-65/200	47 W	44 W	41 W
CS-64/250	45 W	42 W	38 W
CS-65/250	55 W	49 W	45 W
CS-66/200	54 W	51 W	48 W
CS-66/250	60 W	56 W	52 W
CS-66/300	65 W	61 W	57 W
CS-68/300	81 W	76 W	72 W
CS-75/200	53 W	50 W	47 W
CS-75/250	59 W	55 W	51 W
CS-84/200	51 W	47 W	44 W
CS-84/250	57 W	53 W	48 W
CS-86/200	68 W	64 W	60 W
CS-86/300	82 W	76 W	70 W
CS-88/200	85 W	81 W	77 W
CS-86/250	75 W	70 W	65 W
CS-88/300	101 W	95 W	89 W
CS-810/300	120 W	113 W	108 W
CS-106/250	91 W	85 W	79 W
CS-106/300	99 W	91 W	84 W
CS-108/250	112 W	106 W	100 W
CS-108/300	121 W	113 W	106 W
CS-1010/300	143 W	136 W	128 W
CS-126/250	106 W	99 W	92 W
CS-128/300	141 W	132 W	123 W
CS-1210/300	166 W	158 W	149 W
CS-1212/250	180 W	173 W	166 W



Dimensions

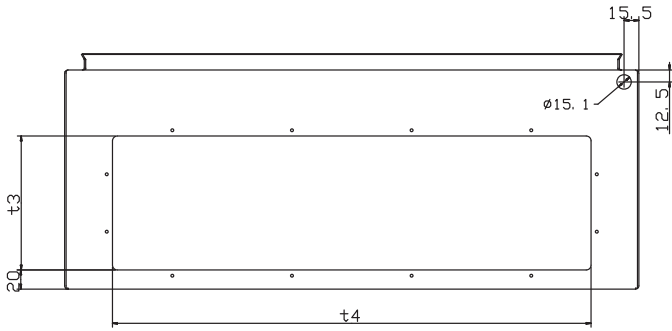
Enclosure with door and flanges



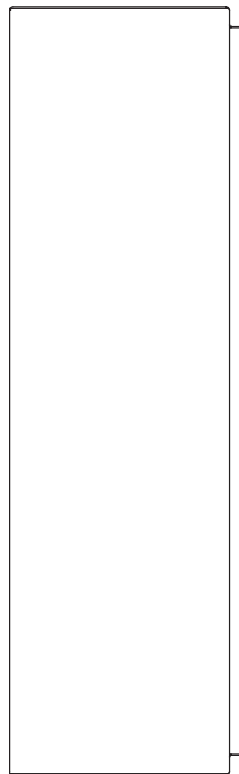
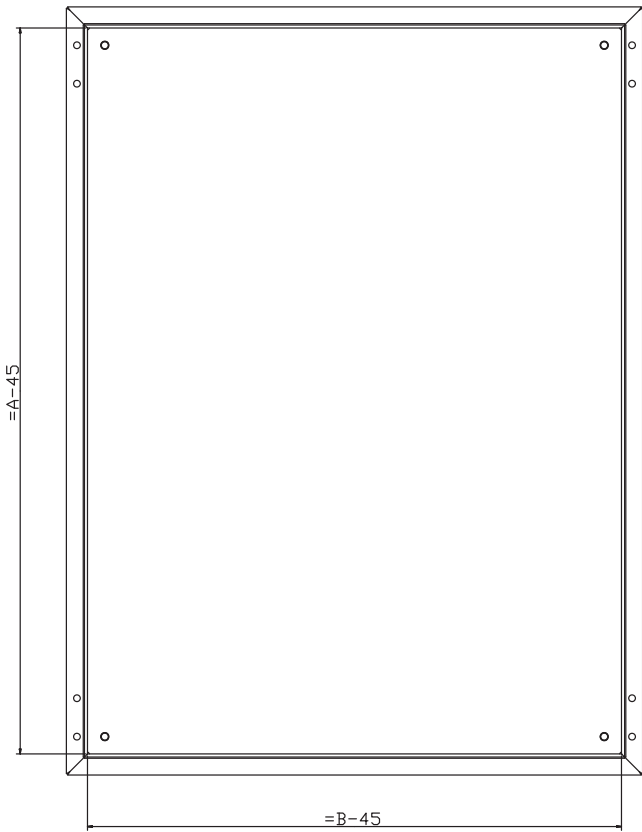
$$D = A - 2\text{mm}$$

Note:
Please refer to selection pages 4/5 for A, B, C, t1, t2 values

Enclosure without door, without flanges

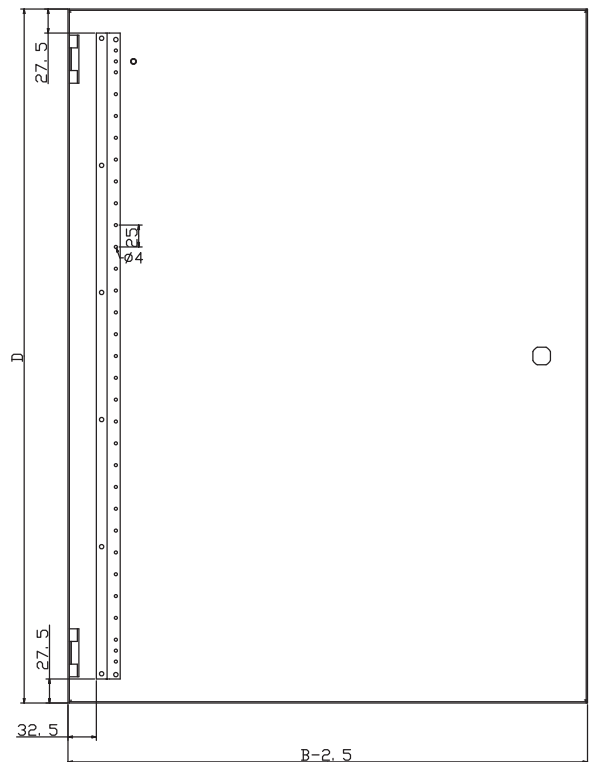
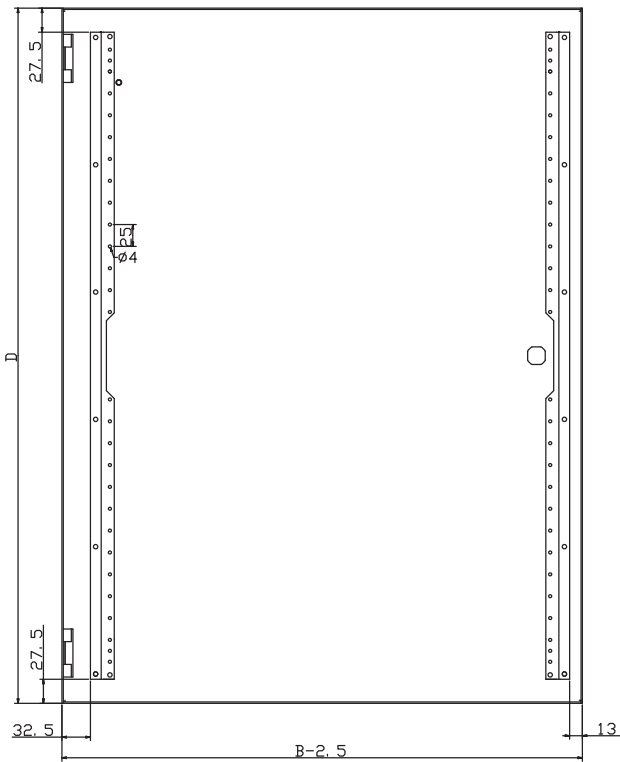
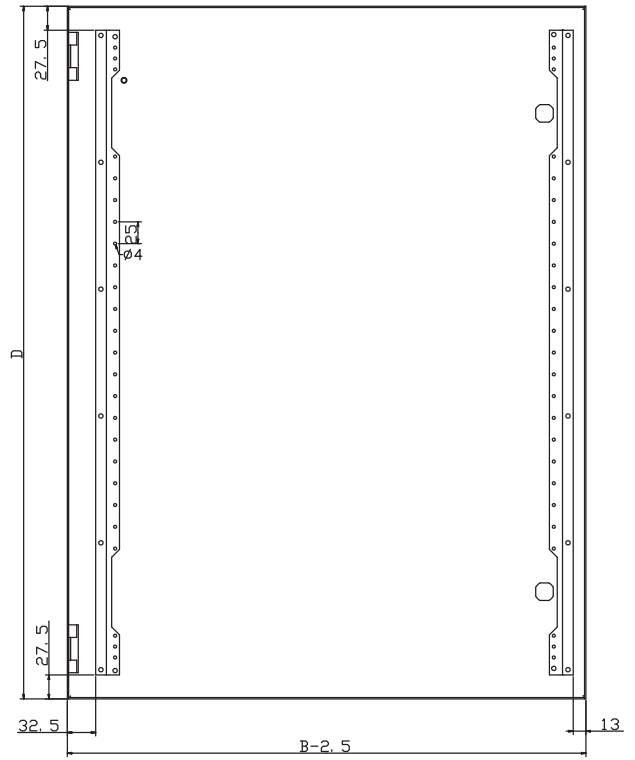
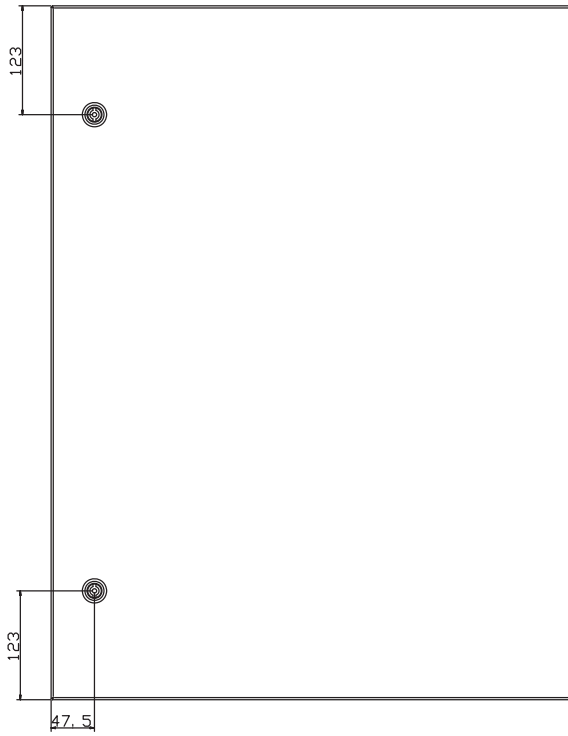


$t3 = t1 - 32\text{mm}$
 $t4 = t2 - 32\text{mm}$



Dimensions

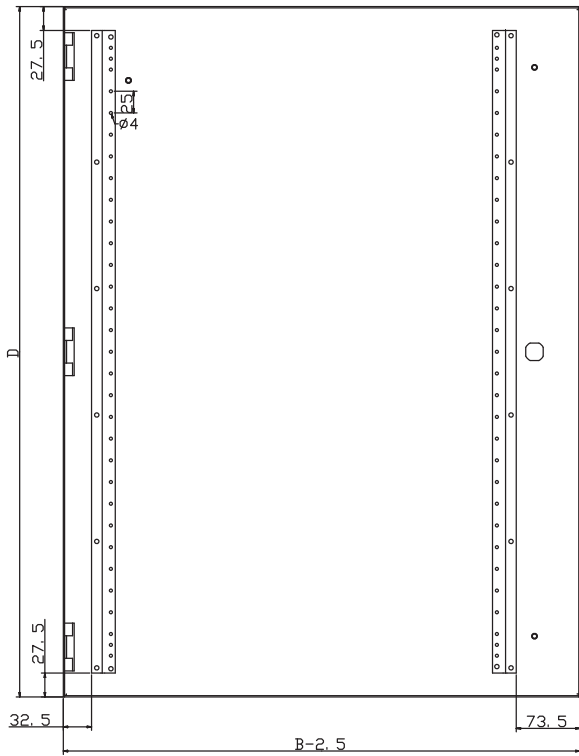
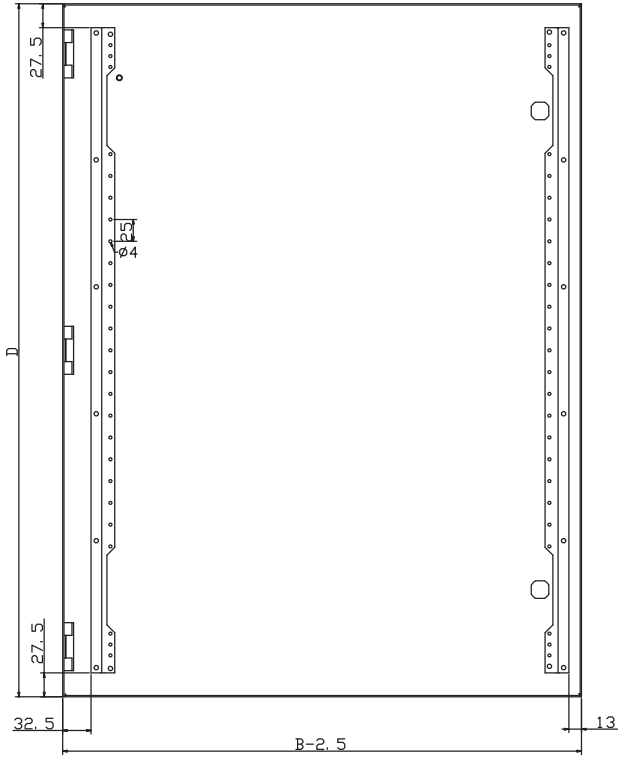
Doors



$D = A - 2\text{mm}$

Note:
Please refer to selection pages 4/5 for A, B, C values

Mounting opening - Lock

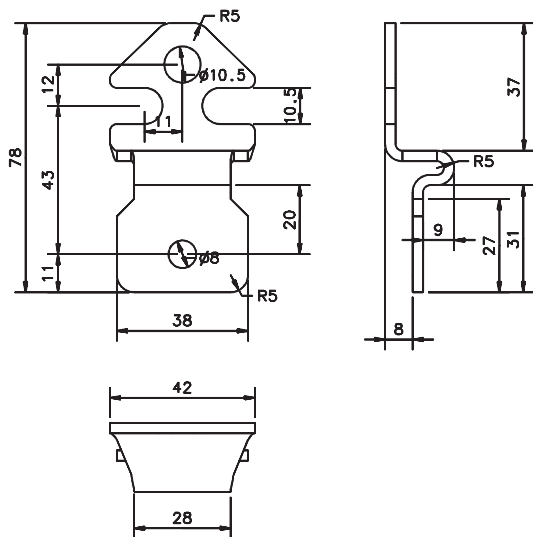


$D = A - 2\text{mm}$

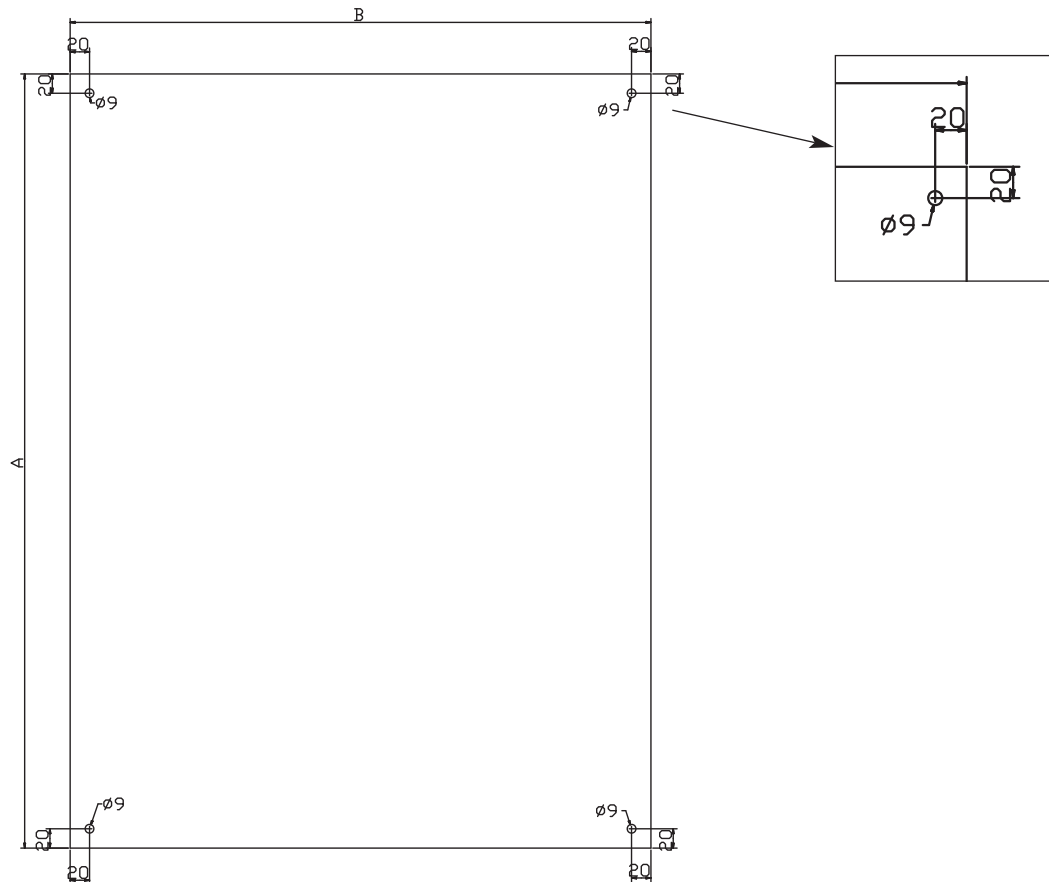
Dimensions

Wall-mounting bracket

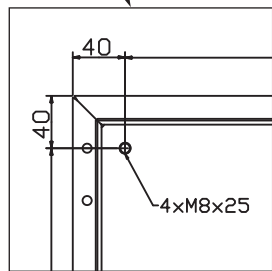
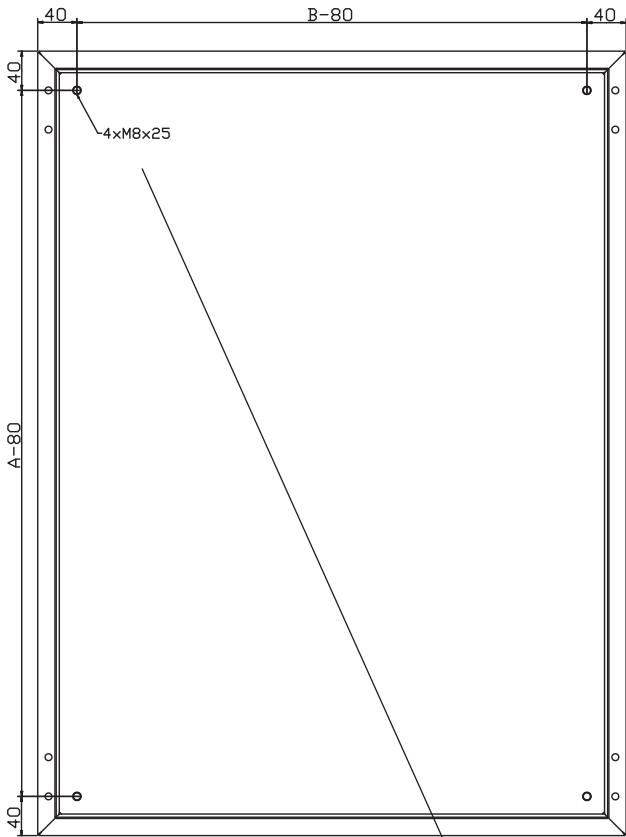
WFB-SET-CS



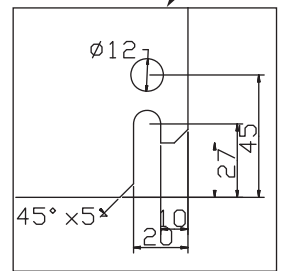
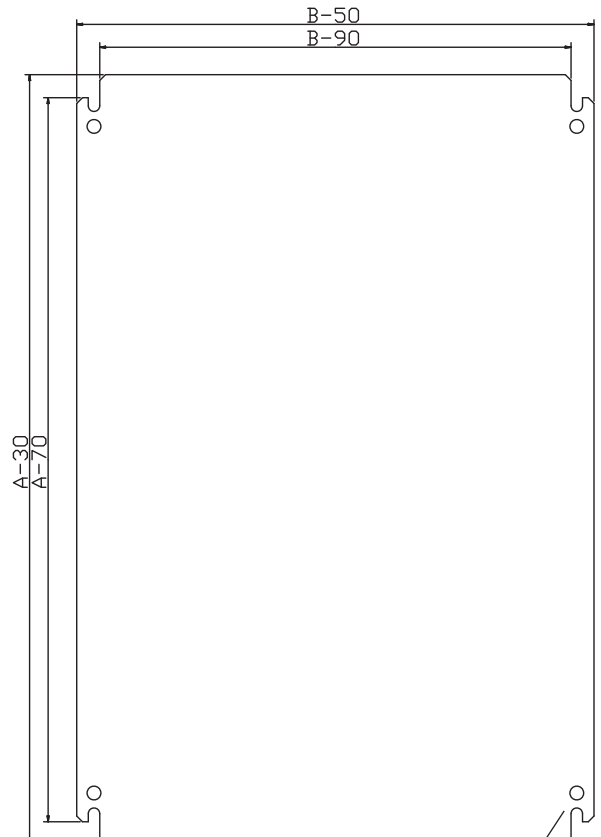
Wall mounting holes



Position of screw pins



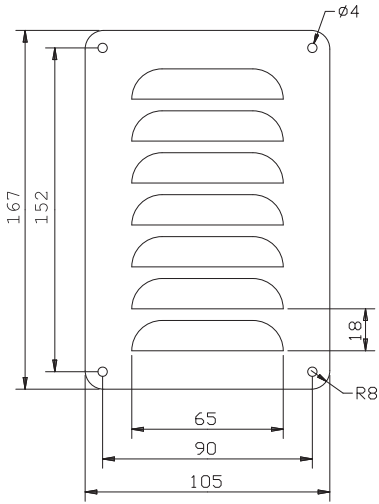
Mounting plate



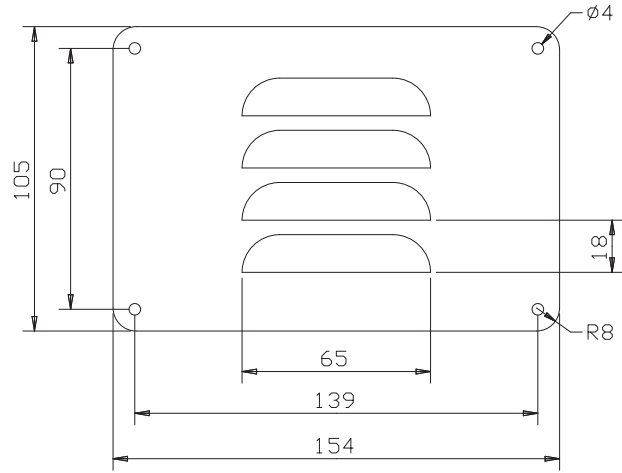
Note:
Please refer to selection pages 4/5 for A, B, C values

Dimensions

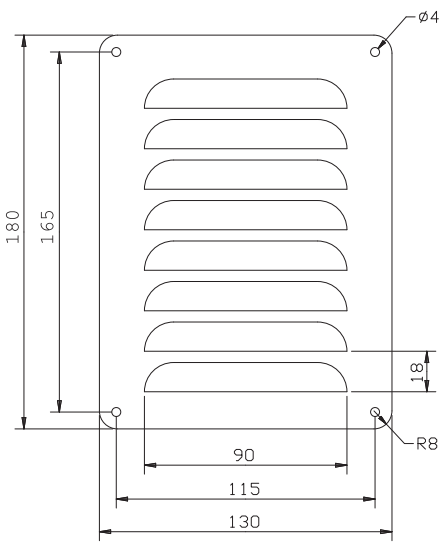
Ventilation louvers



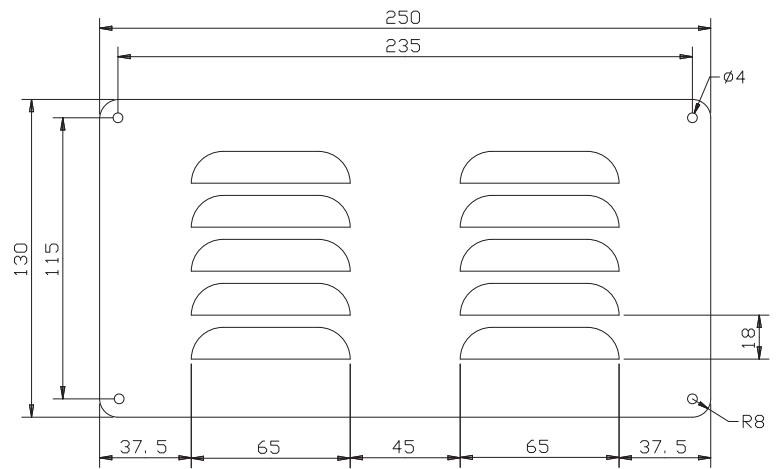
LVP-20V12-CS



LVP-20H12-CS

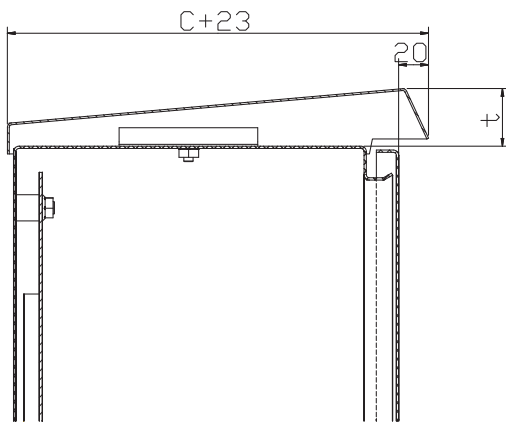


LVP-30V15-CS



LVP-30H15-CS

Canopy

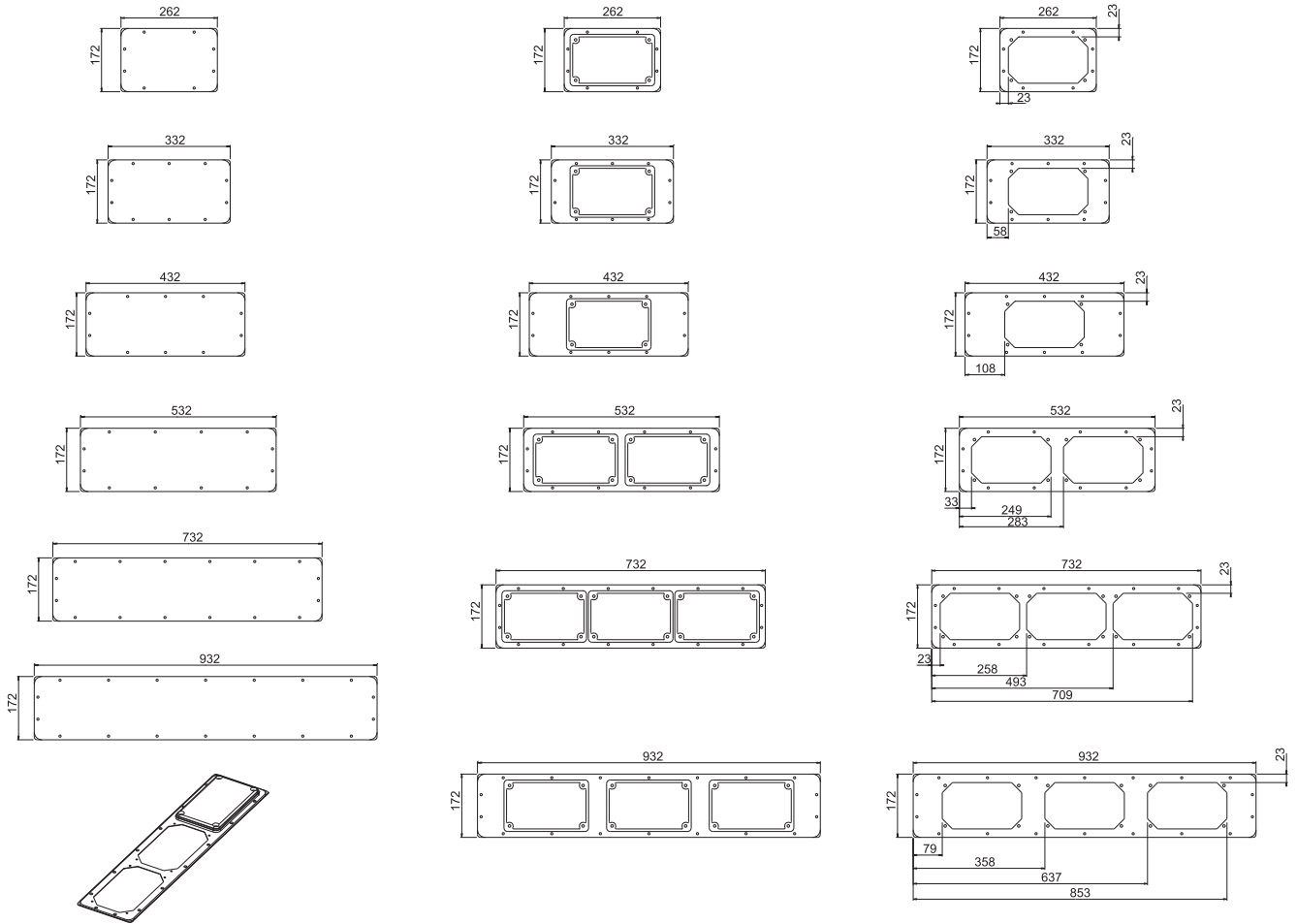


Type	t (mm)
CNP-2/150-CS	30
CNP-3/150-CS	30
CNP-3/200-CS	34
CNP-4/150-CS	30
CNP-4/200-CS	34
CNP-4/250-CS	38
CNP-5/150-CS	30
CNP-5/200-CS	34
CNP-5/250-CS	38
CNP-6/200-CS	34
CNP-6/250-CS	38
CNP-6/300-CS	42
CNP-8/200-CS	34
CNP-8/250-CS	38
CNP-8/300-CS	42
CNP-10/300-CS	42
CNP-12/250-CS	38

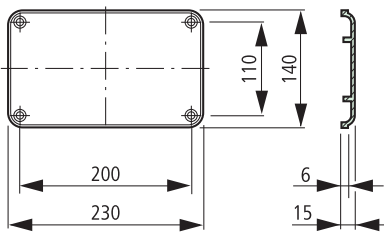
Note:
Please refer to selection pages 4/5 for A, B, C values

Dimensions

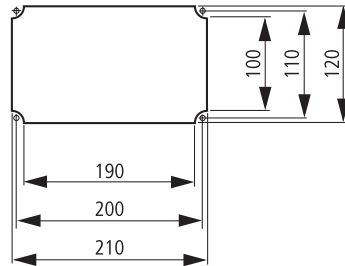
Flange plates steel sheet (with F3A flange openings)



Flange plastic F3A-



Opening of Flange





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