ANK DOUBLE-WALLED ENCLOSURES

TECHNICAL DATA SHEETS

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Technical specifications

Specification

Design	Stable, torsion-free profile technology Double-walled version made from hollow aluminium profiles Passive heat dissipation through natural convection Integrated, circumferential sliding levels
Protection level	IP 55 according to EN 60529 IK 10 according to EN 62208 Shock, transport and vibration according to ETS EN 300-01 Earthquake-tested according to ETS EN 300-019-2-4
Surface	Textured powder coating
Certifications	EN 62208, approved for the professional mounting of switchgear assemblies as per EN 61439-1 RoHS- / REACH- / WEEE-compliant
Dimensions	Width as of 250 mm in 25-mm increments Height as of 250 mm in 1-mm increments Depth as of 250 mm in 25-mm increments Manufactured to customer requirements

Standard finish

- 1-leaf or 2-leaf doors with semi-concealed hinges and 180° opening angle
- Closure with 3-point mandrel bar lock and lever handle, prepared for lock cylinders as of 1500 mm
- Double-walled roof design
- Sealed at ground level by vapour barrier or baseplate
- Standard colours RAL 7032 and 7035
- All dimensions can be combined into rows or extended

Optional variant

- Various locking mechanisms, actuators and lock cylinders
- Door stay
- Vapour barrier
- Front sections can be inserted or screwed on from the front, side or rear as required
- Pockets for diagrams and charts
- Assembly plates and partitions
- Various heat dissipation modules and heaters
- Fixed, pull-out and folding trays
- Extensions with profiles and ducts
- Baseplates, if necessary with cut-outs and a range of cover variants
- Lockable openings for cable feedthroughs
- Inspection window and door-in-door
- Aluminium plinth in the heights 50 / 80 / 100 / 200 mm
- ETSI or 19" technology, fixed installation or hinged frame
- Transport eyebolts
- EMC protection against electromagnetic fields
- Chromium steel pilot shaft system
- Special plinth, base frame, ground plinth and shaft systems
- Protective anti-graffiti paint
- Choice of RAL
- Electrical accessories: Door contact switch, lighting, various heat dissipation modules, heaters; for more information see the accessories catalogue

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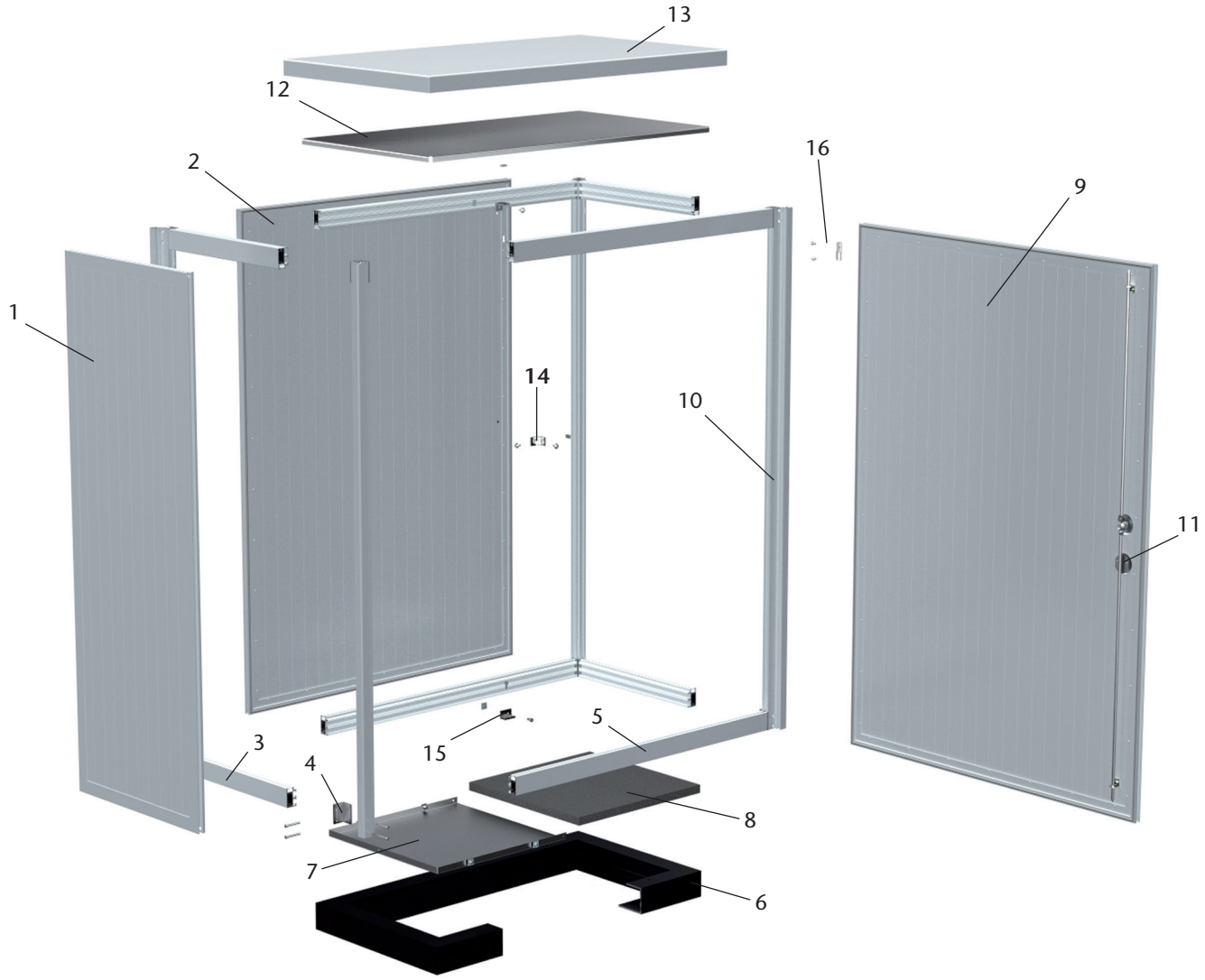
Technical specifications



Description

1	Side wall	9	Door
2	Rear wall	10	Corner post
3	Depth profile	11	Mandrel bar lock with lever handle
4	Corner support	12	Sub-roof
5	Width profile	13	Outer roof
6	Plinth	14	Wall brackets
7	Baseplate	15	Floor / plinth fixing
8	Mat-type vapour barrier	16	Hinges

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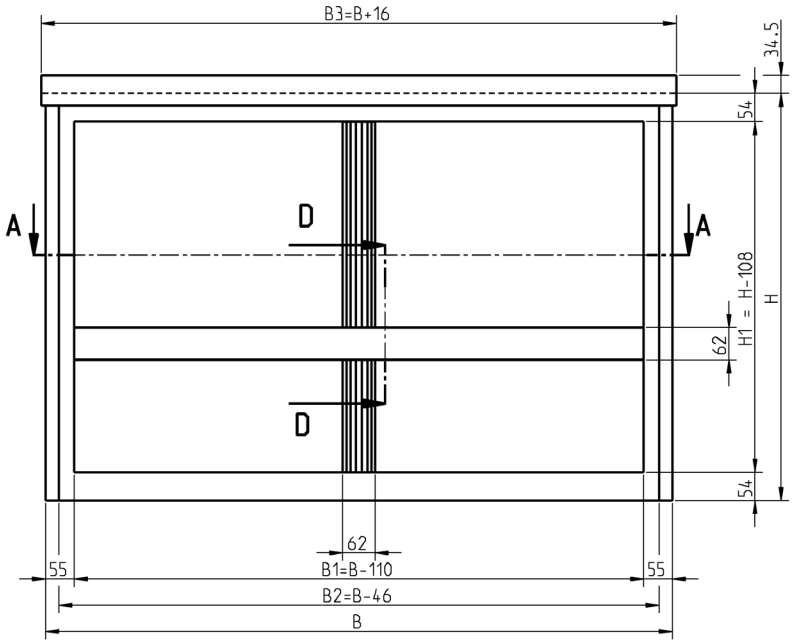
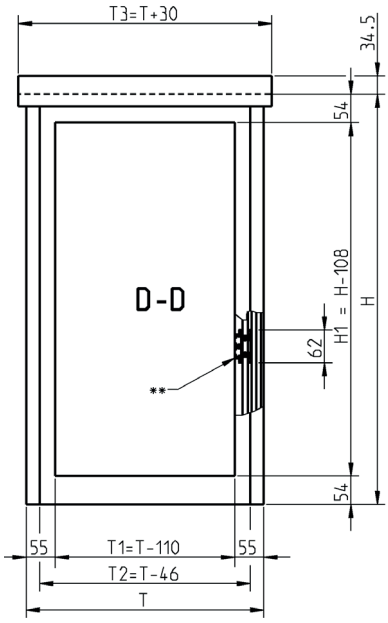
Normal version, assembly dimensions for integration of fixing rails

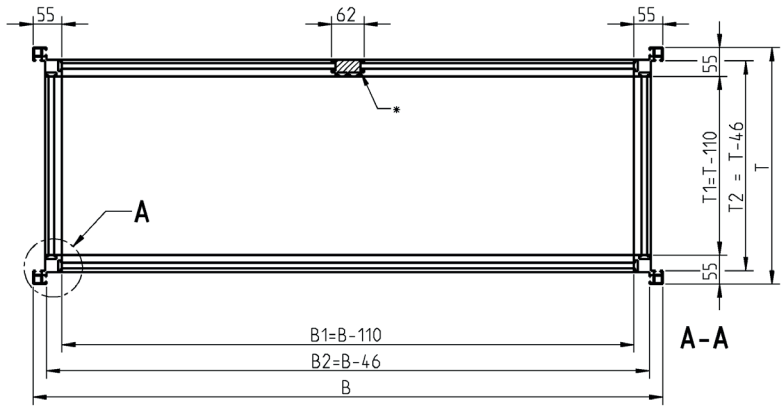
Front view

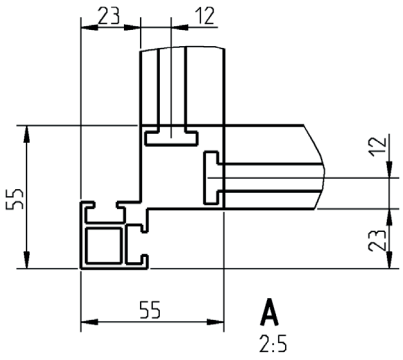


Side view from left



Top view





B	Width between uprights	H1	Clear height
H	Height of uprights	T1	Clear depth
T	Depth between uprights	T2	max. installation depth
B1	Clear width	T3	Roof depth
B2	max. installation width	*	Centre strut from B > 1600
B3	Roof width	**	Centre strut for front partition

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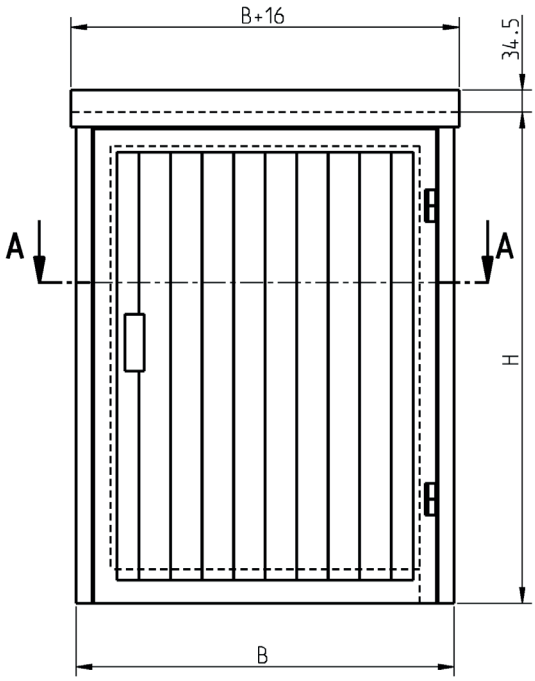
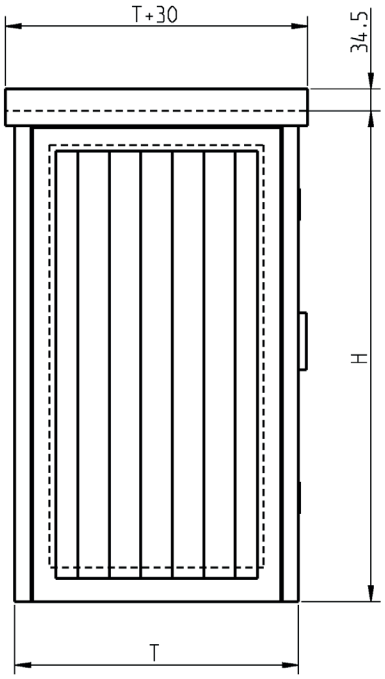
Normal version, 1-leaf, without plinth

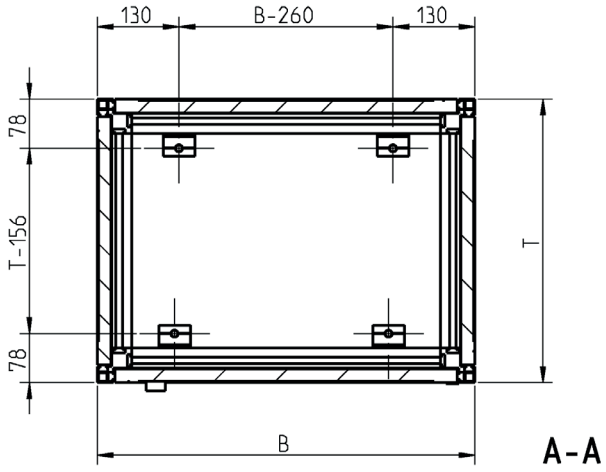
Front view



Side view from left

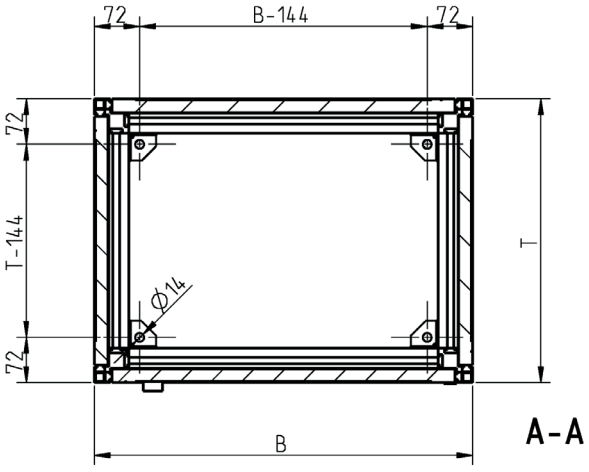


Top view



Floor fixing with aluminium brackets (standard)

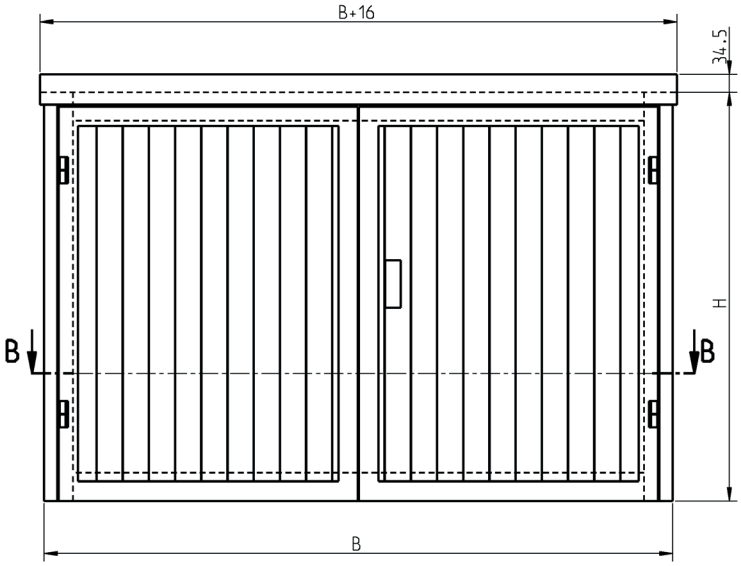
Top view



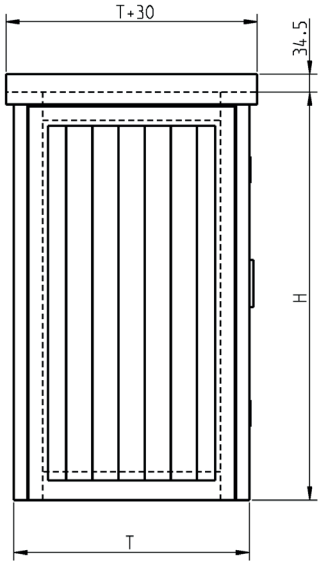
Floor fixing with CrNi brackets

Normal version, 2-leaf, without plinth

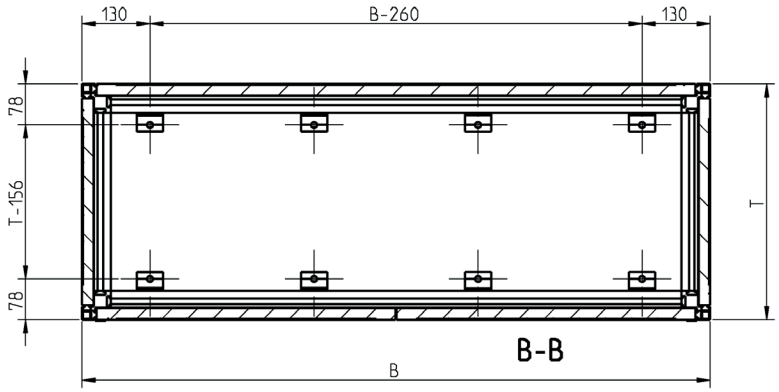
Front view



Side view from left



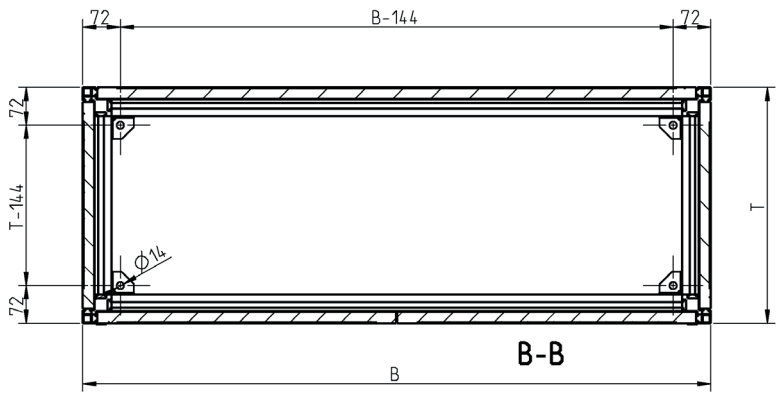
Top view



Number of floor fixing brackets:

B <	1000	4 units
B > =	1000	6 units
B > =	1600	8 units
B >	2000	10 units

Top view



4 units CrNi brackets

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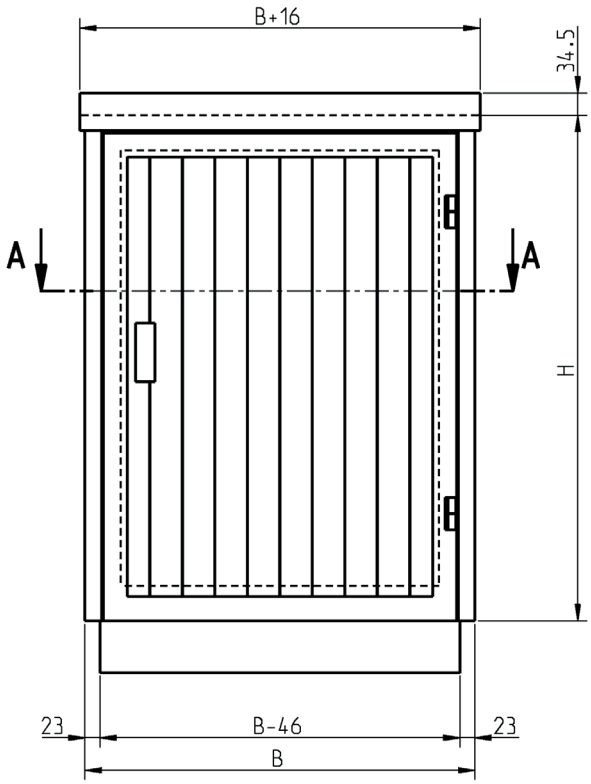
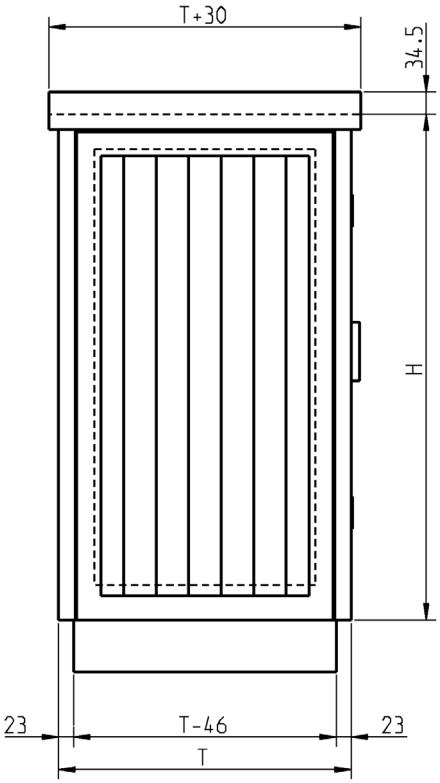
Normal version, 1-leaf, with plinth

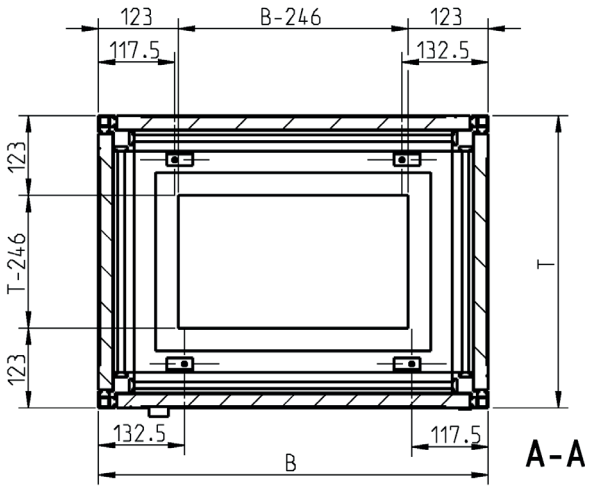
Front view



Side view from left



Top view



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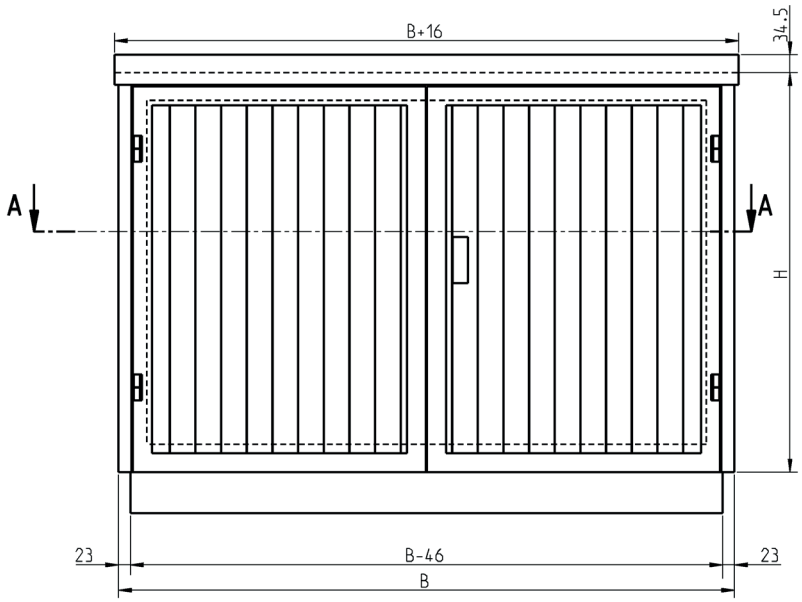
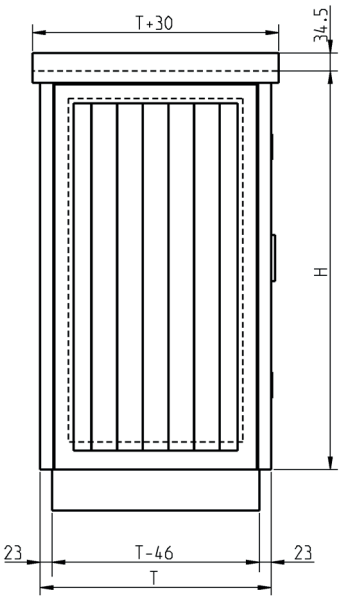
Normal version, 2-leaf, with plinth

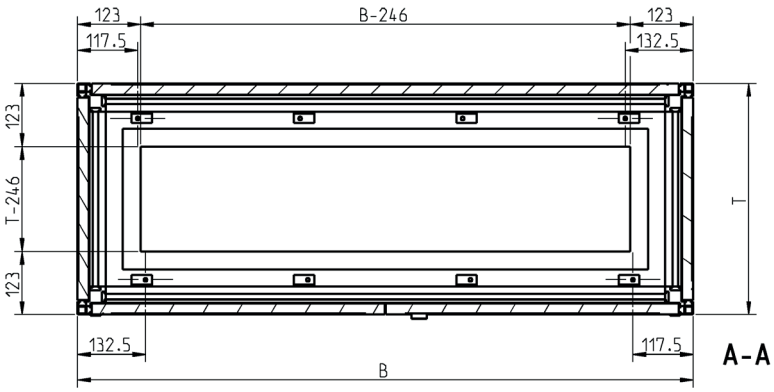
Front view



Side view from left



Top view



Number of floor fixing brackets:

B <	1000	4 units
B > =	1000	6 units
B > =	1600	8 units
B >	2000	10 units

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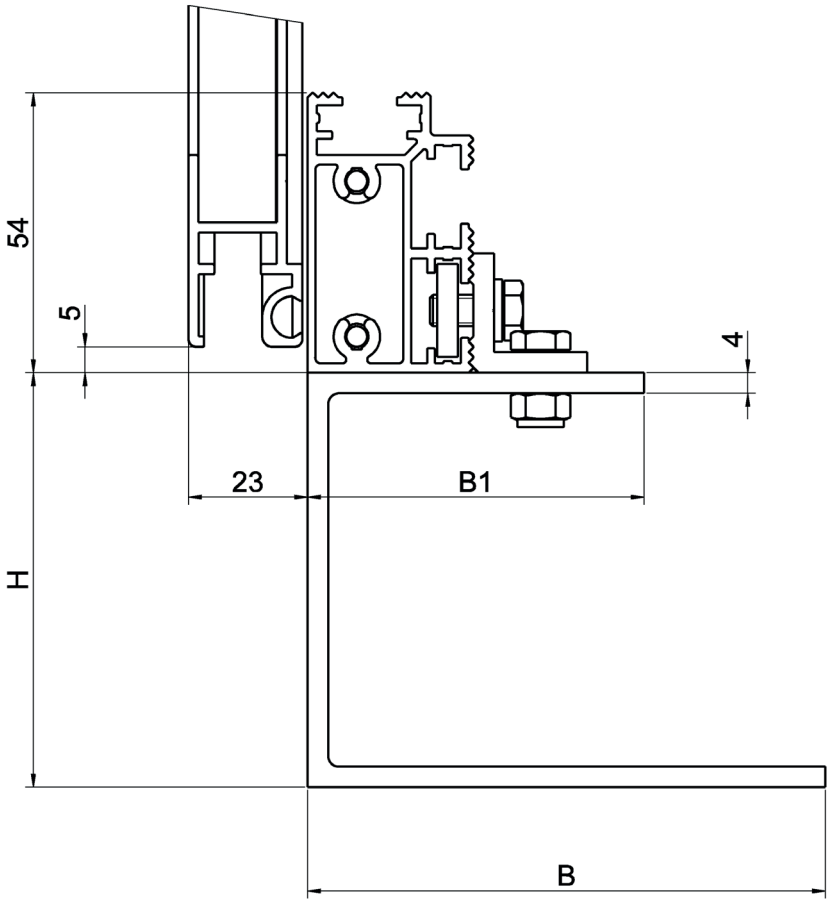
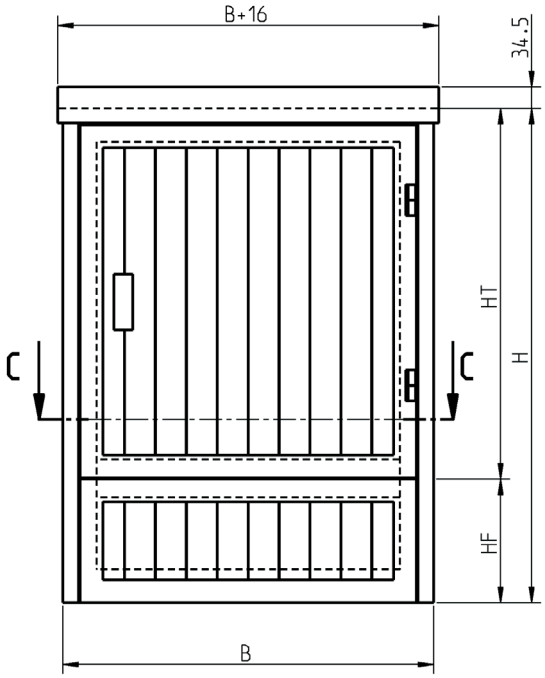
Plinth fixing



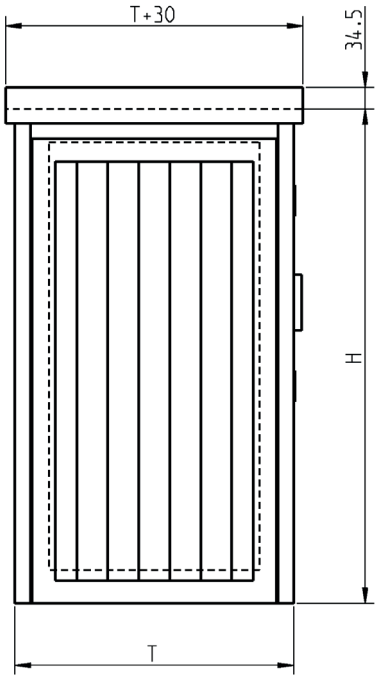
Plinth types			
H	B1	B	Variable dimensions
80	65	100	Standard from T = 350
80	50	50	
100	50	50	
200	40	40	

Normal version, 1-leaf, with front section

Front view

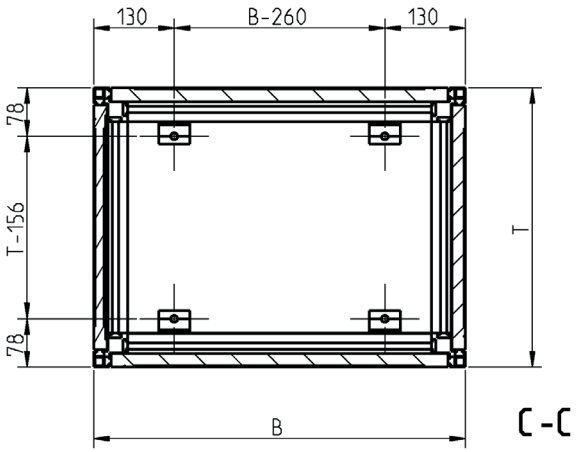


Side view from left



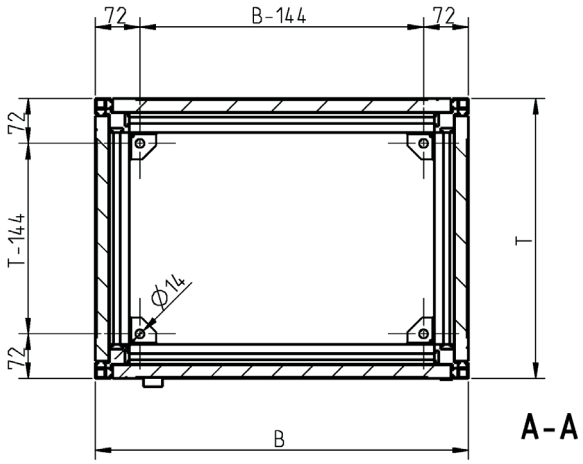
HF = Height of front section
HT = Height of door

Top view



Floor fixing with aluminium brackets (standard)

Top view



Floor fixing with CrNi brackets

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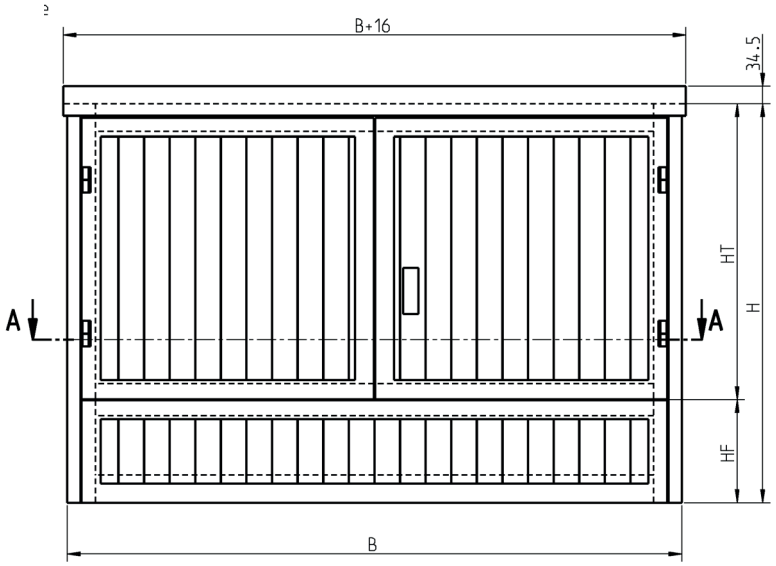
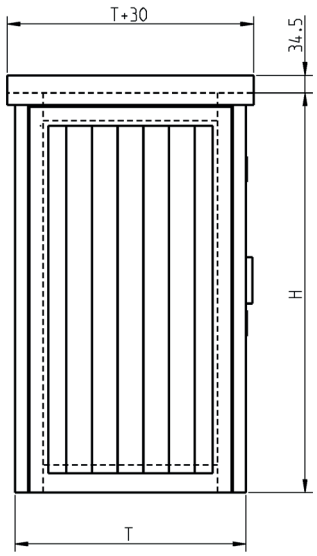
Normal version, 2-leaf, with front section

Front view

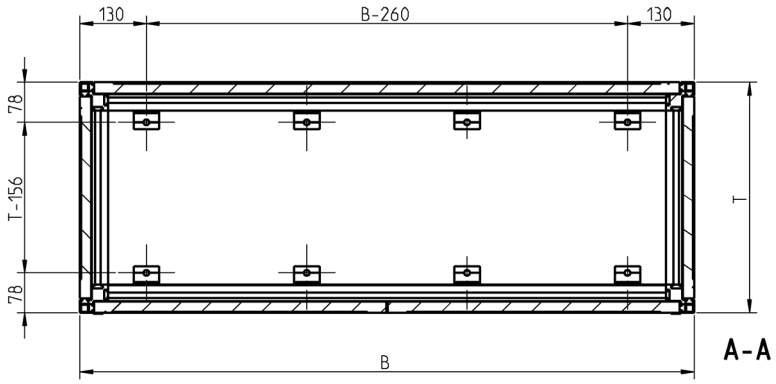


Side view from left



HF = Height of front section
HT = Height of door

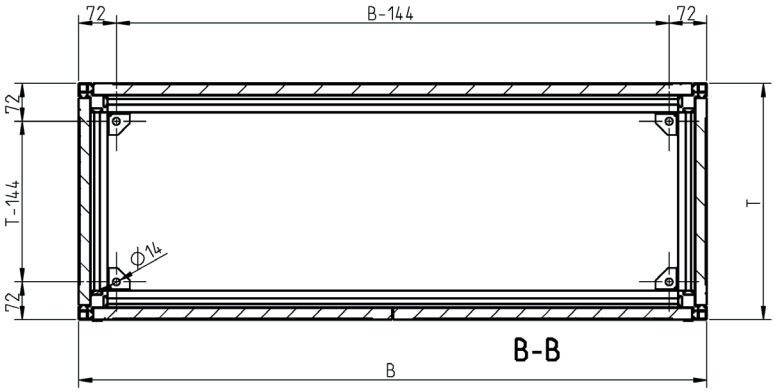
Top view



Number of floor fixing brackets:

B <	1000	4 units
B > =	1000	6 units
B > =	1600	8 units
B >	2000	10 units

Top view



4 units CrNi brackets

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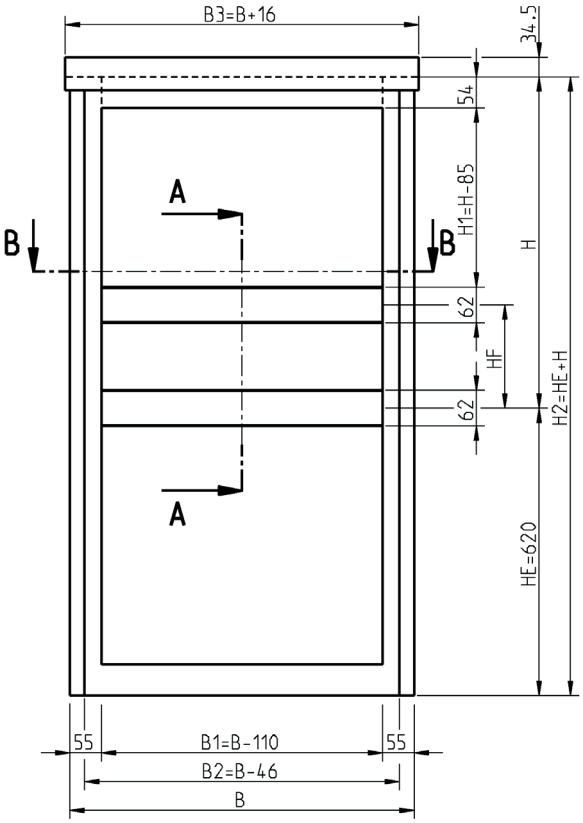
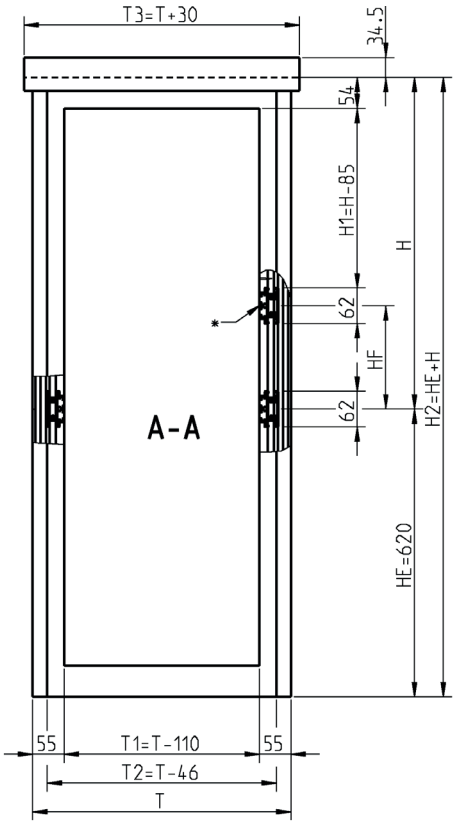
Ground enclosure, assembly dimensions for integration of fixing rails

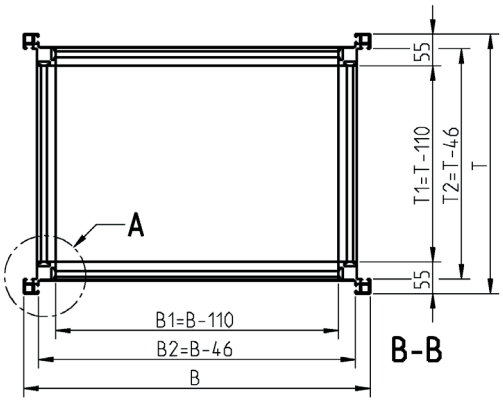
Front view

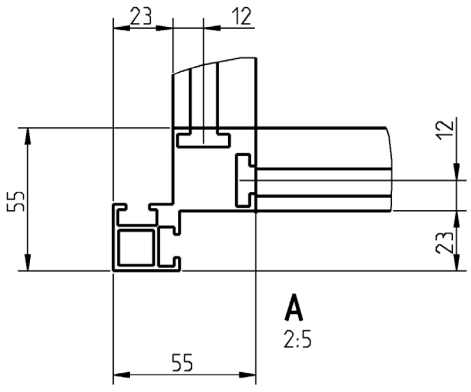


Side view from left



Top view





B	Width between uprights	H2	Full height
H	Height of uprights	HE	Height of ground section
T	Depth between uprights	HF	Height of front section
B1	Clear width	T1	Clear depth
B2	max. installation width	T2	max. installation depth
B3	Roof width	T3	Roof depth
H1	Clear height	*	Centre strut for front section

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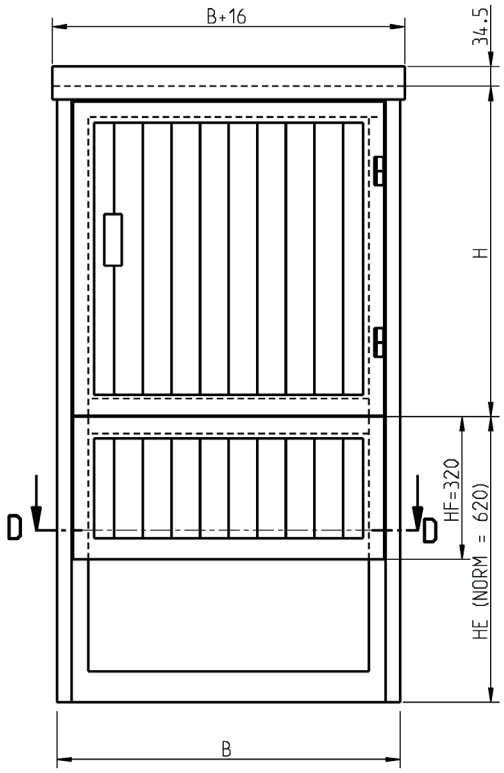
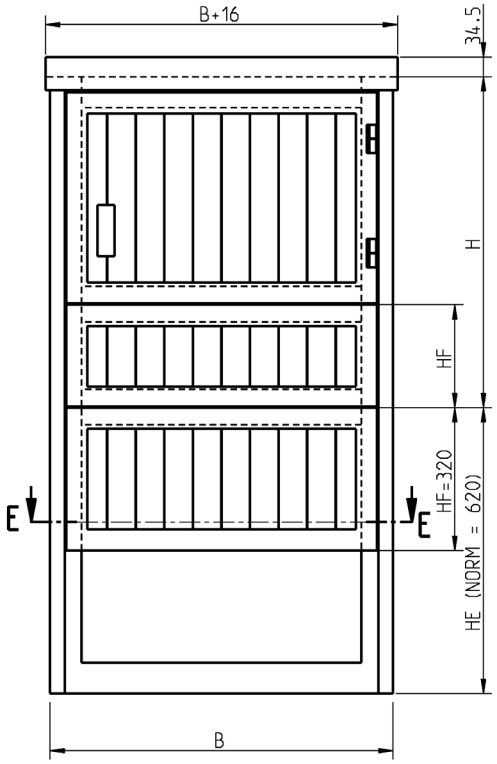
Ground enclosure, 1-leaf, with front section / two front sections

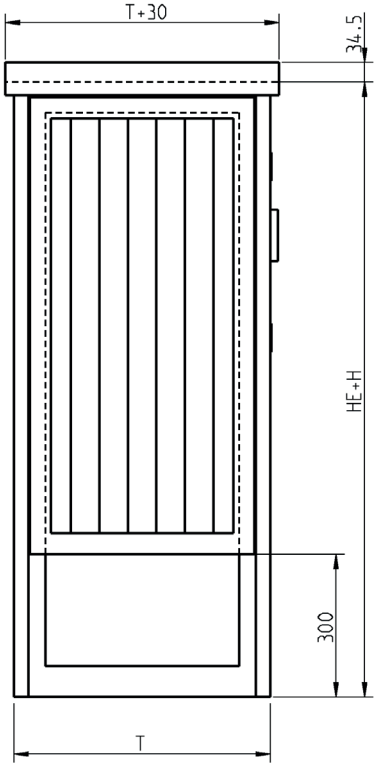
Front view (1 front section)



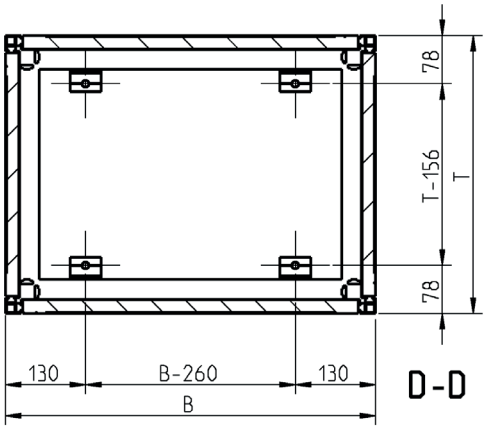
Front view (2 front sections)



Side view from left



Top view



H = Height of uprights
HE = Height of ground section
HE+H = Full height
HF = Height of front section

Optional:
- Two-part structure available
- 4 x CrNi brackets

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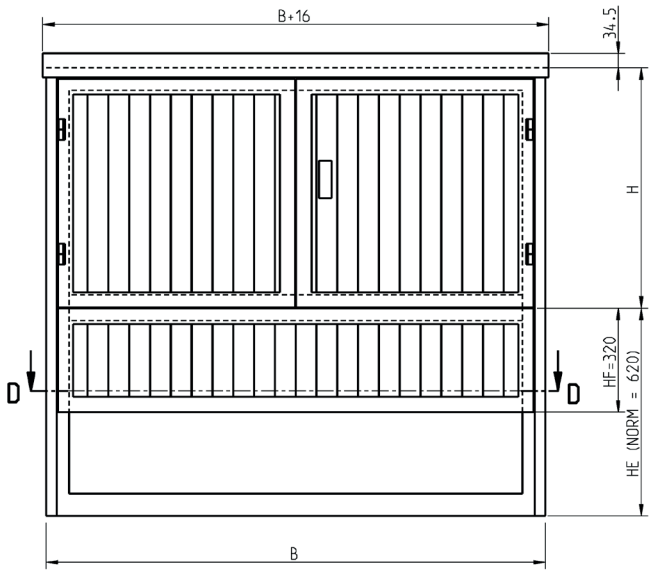
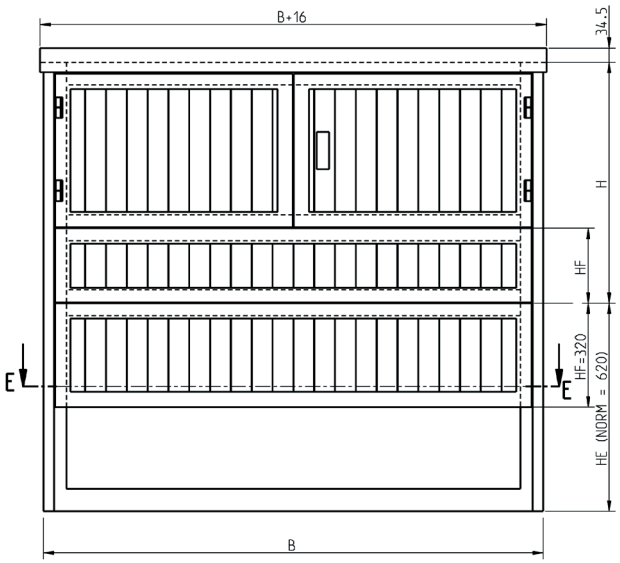
Ground enclosure, 2-leaf, with front section / two front sections

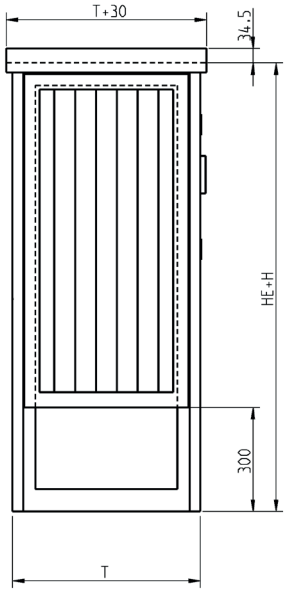
Front view (1 front section)



Front view (2 front sections)

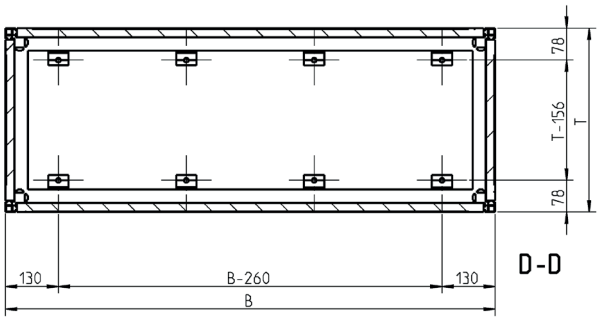


Side view from left



H = Height of uprights
HE = Height of ground section
HE+H = Full height
HF = Height of front section

Top view



Number of floor fixing brackets:

B <	1000	4 units
B > =	1000	6 units
B > =	1600	8 units
B >	2000	10 units

Optional:
- Two-part structure available
- 4 x CrNi brackets

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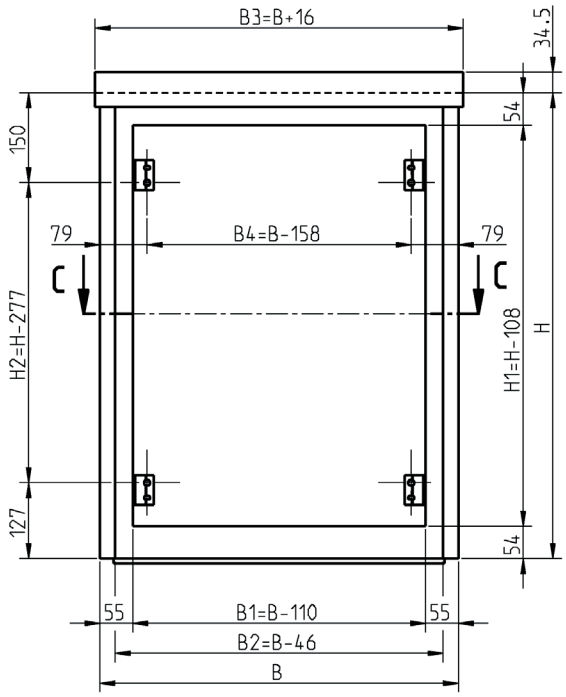
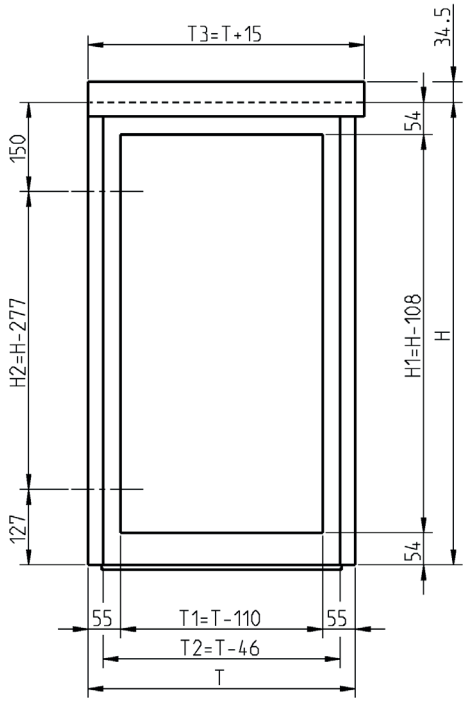
Wall/mast-mounted enclosure, assembly dimensions for integration of fixing rails

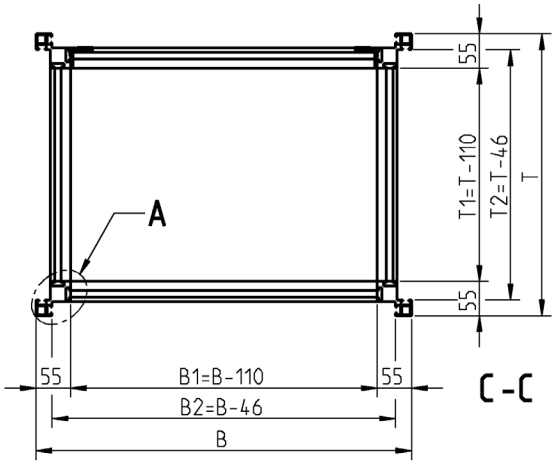
Front view

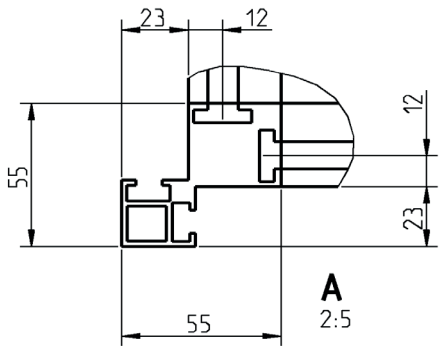


Side view from left



Top view





B	Width between uprights	B4	wall fixing, distance in width
H	Height of uprights	H1	Clear height
T	Depth between uprights	H2	Wall fixing, distance in height
B1	Clear width	T1	Clear depth
B2	max. installation width	T2	max. installation depth
B3	Roof width	T3	Roof depth

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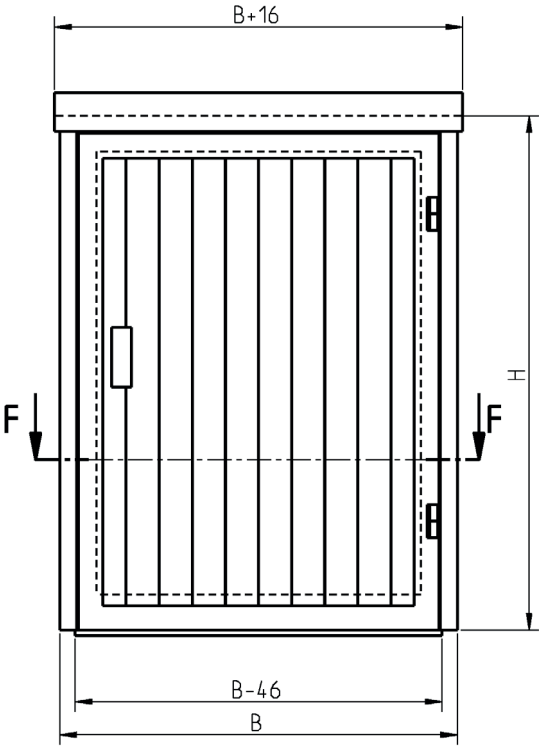
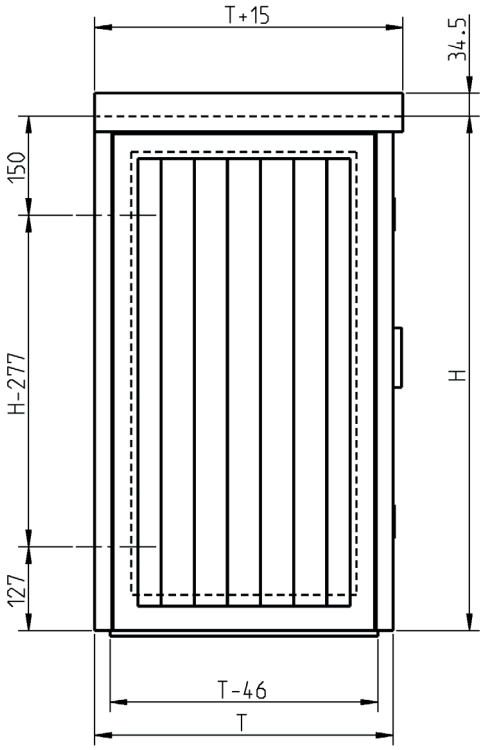
Wall/mast-mounted enclosure, 1-leaf, sealed base

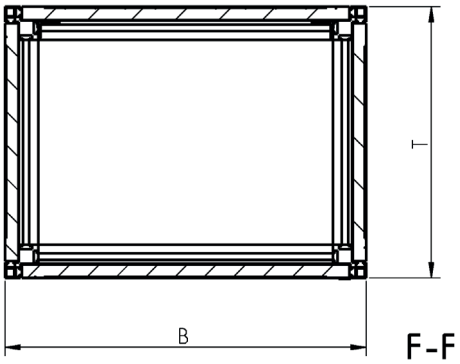
Front view



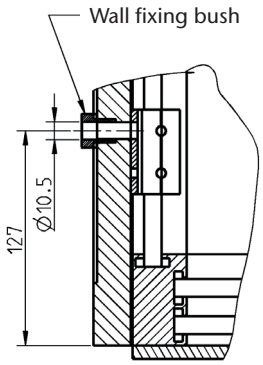
Side view from left



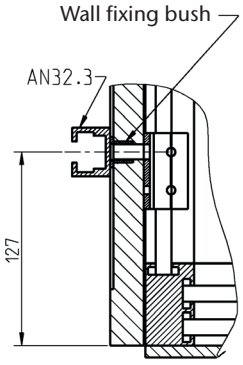
Top view



Wall enclosure with bush

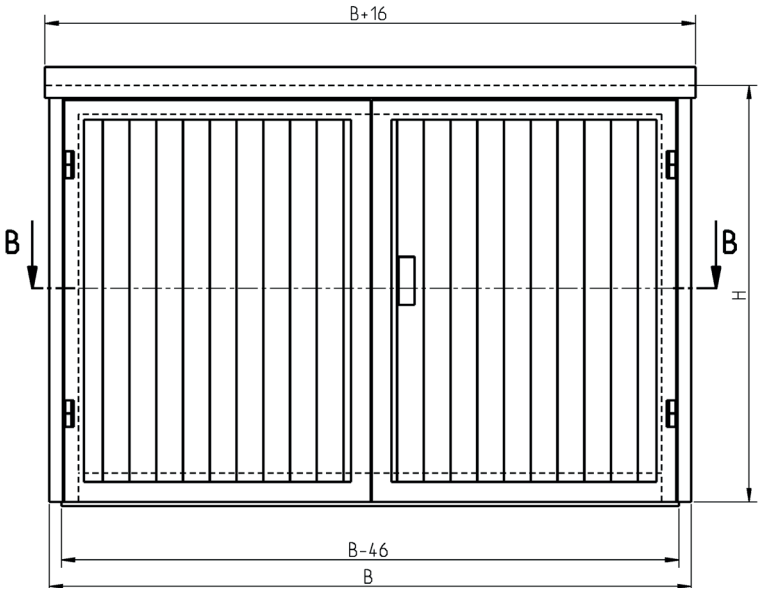


Mast-mounted enclosure with AN 32.3

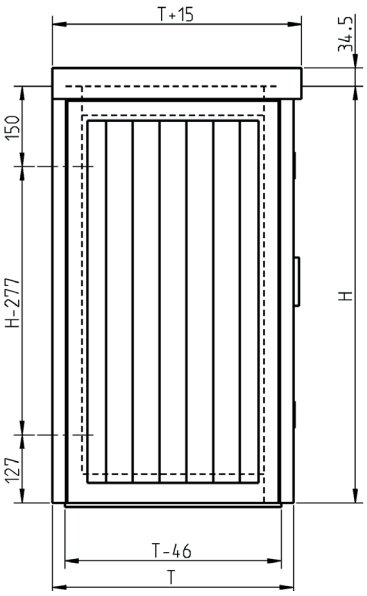


Wall/mast-mounted enclosure, 2-leaf, sealed base

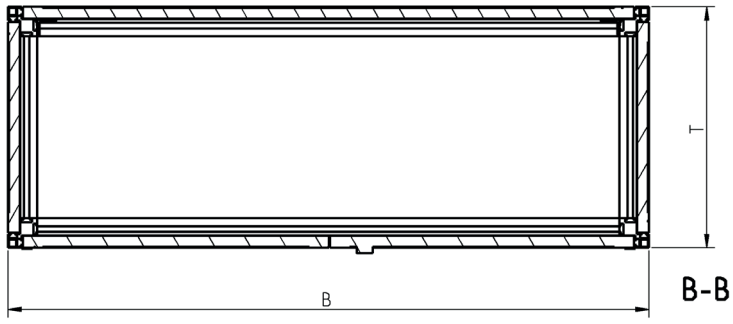
Front view



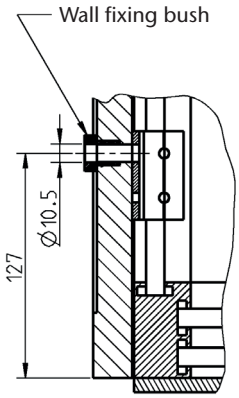
Side view from left



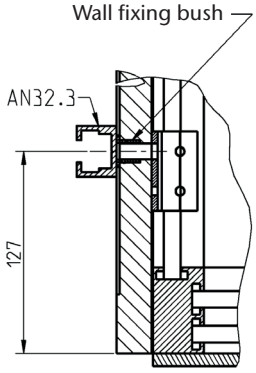
Top view



Wall enclosure with bush



Mast-mounted enclosure with AN 32.3



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