

Ideen leben



Always a little more flexible:
hawa enclosures





Is there actually an efficient solution in the häwa range of enclosures that complies with our requirements?

The best solutions for enclosure systems are not created at the assembly line but while talking with you.

Joachim Hunger, sales manager häwa south

As your personal häwa consultant, I am always there for you – and I am looking forward to your individual requirements.





Our customers always place high demands on enclosure systems. Sometimes bigger and sometimes smaller – but very often requirements are quite different from standard.

These individual requirements are always the focus when you call häwa. We are convinced if we combine your experience and particular specifications with our experience over numerous projects the optimum solution can be achieved.



All customized solutions are based on our **enclosures** which have been proven in thousands of applications. Our standard range of enclosures, with its ergonomic design and impressive function, its stability and very high load carrying capacity, as well as the various sizes and versions, the different protection classes and approvals (UL, ATEX, IECEx) and its wide range of accessories, offer numerous application possibilities.

On that basis, we firmly believe working together is the best method to being an asset to you, our customers. Everything from a simple adjustment for better usage of enclosure space to complete customized design. We will do our very best to fulfill your and /or your customers' wishes if possible.

We are not here to just sell you our product, we are here to do all we can to make your final product even better if we can.

Enclosures

Wall-mount enclosures series 33

Wall-mount enclosures landscape format

Compact69

K-enclosures

Keypad enclosures

EMC-enclosures

Explosion-proof enclosures

Accessories enclosures

Summary – range of accessories

Junction boxes and small enclosures

Junction boxes

Plastic housings

Aluminum enclosures

Accessories junction boxes and small enclosures

Summary – range of accessories

Drawings

häwa product portfolio

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häwa enclosures

häwa enclosures are available in powder coated sheet steel, stainless steel material no. 1.4301 or in another suitable metal according to your requirements.

A wide range of dimensions, degrees of protection IP55/IP66/IP 66/69, UL approvals or EMC shielded versions offer an unlimited array of standard and customized possibilities to meet your specific requirements.

Examples:

häwa customer standard

Different materials, dimensions, colors or customized design? Not a problem, we do it every day, just contact us!

info@haewa.de



1



2



3



4

1 Rigid:

- The 26.5 mm wide door frame makes the enclosure very torsion-resistant

3 Protected:

- Against environmental influences through protection class IP55/IP66 or IP66/69, type 12 or type 4X

2 Spacious:

- Our well designed mounting plate support offers a large usable depth: housing depth minus 16 mm


4 Innovative:

- Hidden hinges – with 180° opening angle




For details, see individual products

Stainless steel or sheet steel –
it's your choice.

 Stainless steel

- Stainless steel material no. 1.4301
- Externally brushed

 Sheet steel

- Surface: powder coated,
texture finish





häwa Wall-mount enclosures series 33

- Maximum degree of protection IP66
- 180° hidden hinge
- Solid 26.5 mm wide door frame
- Narrow door gap
- Door stop change without drilling
- Large usable depth max. D-16 mm
- Version: stainless steel or sheet steel
- Protection class: IP55 / IP66, type 12, 4X
- Approvals: cULus



Advice from one of our häwa consultants:

On our website you have the possibility to compose your enclosure including accessories and to send your inquiry directly to us.



Product description

Wall-mount enclosure, single or double door version.
Optionally with or without mounting plate.

- Protective ground connection according to DIN EN 61439-1, bolts M6x16 on door and body
- The double flanged door frame and narrow door gap avoid the entry of dirt and water while opening the door
- Door(s) with seamlessly foamed seal, single door version: standard stop on the right side, door stop change possible, double door version: overlapping right door
- Hidden hinges, made of sheet steel or stainless steel, opening angle 180°
- Lock: up to H-400 mm with 1 quarter turn latch lock, from H-401 mm with 2 quarter turn latch locks, from H-801 mm with standard bar lock, 3 mm double mandrel
- Doors from height 400 mm on both sides with reinforcing/perforated profile with attachment holes with a diameter of 4.2 mm in a 25 mm grid
- Sheet steel version: from enclosure width 400 mm and depth 200 mm, base with external cable entry plate(s) flush with enclosure, made of sheet steel, (Size 1: L x W: 355 mm x 155 mm, usable area: 325 mm x 125 mm; Size 2: L x W: 555 mm x 155 mm, usable area: 525 mm x 125 mm) fixed with Gefu-screw M4, torx T20
Stainless steel version: closed base
- Mounting plate on rear panel, max. 10 mm adjustable to height, fixed flanged mounting plate
- Wall attachment: rear panel with 4 holes, 9 mm diameter, for wall attachment bracket mounting

Scope of delivery

- Enclosure, with or without mounting plate (loose delivery) with hardware, ground connector mounting kit and 1 key.
Depending on material and size with cable entry plate(s).

Note













































- Closure with compact handle (for elongated barrel) and other modifications on request

Technical data










- Technical drawings page 46
- Maximum installation depth of D-16 resp. D-24 mm with flanged mounting plates (20 mm)
- Protective ground connection according to DIN EN 61439-1
- Surface:
Sheet steel version: powder coated RAL 7035, texture finish,
Stainless steel version: externally brushed
- Lock: plastic housing,
Locking bolt: GDZn black,
Latch: galvanized
or completely made of stainless steel
- Material: sheet steel or stainless steel material no 1.4301
Mounting plate galvanized
- Mounting plate: 2 mm;
From enclosure width/height 600 mm x 600 mm 2.5 mm;
From width/height 801 mm flanged 20 mm
- Approvals: cULus
- Protection class:
single door version IP66,
double door version IP55 type 1, 2, 5, 12
single door version additionally type 4, stainless steel version type 4X optionally type 3, 3R

Accessories › from page 28

- Mounting plates
- Mounting rails
- 19" swing frame
- Base and feet
- Locks
- Others

Dimensions (WxHxD)	Material	With cable entry plate	Thickness body	Thickness door	Without mounting plate	With mounting plate
mm			mm	mm		
200 x 300 x 125	Sheet steel 	-	1,35	1,35	3331-2030-12-07	3331-2030-12-17
	Stainless steel 	-	1,5	1,5	3351-2030-12-00	3351-2030-12-10
300 x 400 x 150	Sheet steel 	-	1,35	1,35	3331-3040-15-07	3331-3040-15-17
	Stainless steel 	-	1,5	1,5	3351-3040-15-00	3351-3040-15-10
300 x 450 x 150	Sheet steel 	-	1,35	1,35	3331-3045-15-07	3331-3045-15-17
400 x 600 x 150	Sheet steel 	-	1,35	1,5	3331-4060-15-07	3331-4060-15-17
300 x 300 x 200	Sheet steel 	-	1,35	1,35	3331-3030-20-07	3331-3030-20-17
300 x 450 x 200	Sheet steel 	-	1,35	1,35	3331-3045-20-07	3331-3045-20-17
400 x 400 x 200	Sheet steel 	1 x size 1	1,35	1,35	3331-4040-20-07	3331-4040-20-17
	Stainless steel 	-	1,5	1,5	3351-4040-20-00	3351-4040-20-10
400 x 500 x 200	Sheet steel 	1 x size 1	1,35	1,35	3331-4050-20-07	3331-4050-20-17
400 x 600 x 200	Sheet steel 	1 x size 1	1,35	1,5	3331-4060-20-07	3331-4060-20-17
	Stainless steel 	-	1,5	1,5	3351-4060-20-00	3351-4060-20-10
450 x 300 x 200	Sheet steel 	1 x size 1	1,35	1,35	3331-4530-20-07	3331-4530-20-17
500 x 500 x 200	Sheet steel 	1 x size 1	1,35	1,5	3331-5050-20-07	3331-5050-20-17
500 x 600 x 200	Sheet steel 	1 x size 1	1,35	1,5	3331-5060-20-07	3331-5060-20-17
500 x 800 x 200	Sheet steel 	1 x size 1	1,35	1,5	3331-5080-20-07	3331-5080-20-17
600 x 400 x 200	Sheet steel 	1 x size 2	1,35	1,5	3331-6040-20-07	3331-6040-20-17
600 x 600 x 200	Sheet steel 	1 x size 2	1,35	1,5	3331-6060-20-07	3331-6060-20-17
	Stainless steel 	-	1,5	1,5	3351-6060-20-00	3351-6060-20-10
600 x 700 x 200	Sheet steel 	1 x size 2	1,35	1,5	3331-6070-20-07	3331-6070-20-17
600 x 800 x 200	Sheet steel 	1 x size 2	1,35	1,5	3331-6080-20-07	3331-6080-20-17
	Stainless steel 	-	1,5	1,5	3351-6080-20-00	3351-6080-20-10
800 x 600 x 200	Sheet steel 	2 x size 1	1,35	1,5	3331-8060-20-07	3331-8060-20-17
800 x 800 x 200	Sheet steel 	2 x size 1	1,5	1,5	3331-8080-20-07	3331-8080-20-17
	Stainless steel 	-			3351-8080-20-00	3351-8080-20-10
800 x 1000 x 200	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-20-07	3331-8010-20-17
500 x 500 x 210	Stainless steel 	-	1,35	1,5	3351-5050-21-00	3351-5050-21-10
400 x 600 x 300	Sheet steel 	1 x size 1	1,35	1,5	3331-4060-30-07	3331-4060-30-17
500 x 500 x 300	Sheet steel 	1 x size 1	1,35	1,5	3331-5050-30-07	3331-5050-30-17
600 x 600 x 300	Stainless steel 	-	1,35	1,5	3351-6060-30-00	3351-6060-30-10
600 x 800 x 300	Sheet steel 	1 x size 2	1,35	1,5	3331-6080-30-07	3331-6080-30-17
	Stainless steel 	-	1,5	1,5	3351-6080-30-00	3351-6080-30-10
600 x 1200 x 300	Sheet steel 	1 x size 2	1,35	1,5	3331-6012-30-07	3331-6012-30-17
800 x 600 x 300	Sheet steel 	2 x size 1	1,35	1,5	3331-8060-30-07	3331-8060-30-17
800 x 800 x 300	Sheet steel 	2 x size 1	1,5	1,5	3331-8080-30-07	3331-8080-30-17
	Stainless steel 	-			3351-8080-30-00	3351-8080-30-10
800 x 1000 x 300	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-30-07	3331-8010-30-17
	Stainless steel 	-			3351-8010-30-00	3351-8010-30-10
800 x 1200 x 300	Sheet steel 	2 x size 1	1,5	1,5	3331-8012-30-07	3331-8012-30-17
915 x 915 x 300	Sheet steel 	2 x size 1	1,5	2	3331-9191-30-07	3331-9191-30-17
915 x 1070 x 300	Sheet steel 	2 x size 1	1,5	2	3331-9110-30-07	3331-9110-30-17
915 x 1200 x 300	Sheet steel 	2 x size 1	1,5	2	3331-9112-30-07	3331-9112-30-17
915 x 1525 x 300	Sheet steel 	2 x size 1	1,5	2	3331-9115-30-07	3331-9115-30-17

Wall-mount enclosures series 33

Dimensions (WxHxD)	Material	With cable entry plate	Thickness body	Thickness door	Without mounting plate	With mounting plate
mm			mm	mm		
600 x 400 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6040-35-07	3331-6040-35-17
600 x 600 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6060-35-07	3331-6060-35-17
	Stainless steel 	-	1,5	1,5	3351-6060-35-00	3351-6060-35-10
600 x 800 x 350	Stainless steel 	-	1,35	1,5	3351-6080-35-00	3351-6080-35-10
600 x 1000 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6010-35-07	3331-6010-35-17
600 x 1200 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6012-35-07	3331-6012-35-17
800 x 800 x 350	Stainless steel 	-	1,5	1,5	3351-8080-35-00	3351-8080-35-10
800 x 1000 x 350	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-35-07	3331-8010-35-17
1000 x 1200 x 350	Sheet steel 	2 x size 1	1,35	2	3331-1112-35-07	3331-1112-35-17
	Stainless steel 	-	1,5	2	3351-1112-35-00	3351-1112-35-10
600 x 600 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6060-40-07	3331-6060-40-17
	Stainless steel 	-	1,5	1,5	3351-6060-40-00	3351-6060-40-10
600 x 800 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6080-40-07	3331-6080-40-17
	Stainless steel 	-	1,5	1,5	3351-6080-40-00	3351-6080-40-10
600 x 1000 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6010-40-07	3331-6010-40-17
600 x 1200 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6012-40-07	3331-6012-40-17
760 x 915 x 400	Sheet steel 	1 x size 2	1,5	1,5	3331-7691-40-07	3331-7691-40-17
800 x 800 x 400	Sheet steel 	2 x size 1	1,5	1,5	3331-8080-40-07	3331-8080-40-17
	Stainless steel 	-			3351-8080-40-00	3351-8080-40-10
800 x 1000 x 400	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-40-07	3331-8010-40-17
	Stainless steel 	-			3351-8010-40-00	3351-8010-40-10
800 x 1200 x 400	Sheet steel 	2 x size 1	1,5	1,5	3331-8012-40-07	3331-8012-40-17
1000 x 1200 x 400	Sheet steel 	2 x size 1	1,5	2	3331-1112-40-07	3331-1112-40-17
	Stainless steel 	-	1,5	1,5	3351-1112-40-00	3351-1112-40-10
915 x 1200 x 420	Sheet steel 	2 x size 1	1,5	2	3331-9112-42-07	3331-9112-42-17
1000 x 1000 x 300	Sheet steel 	2 x size 1	1,5	2	3331-1010-30-07*	3331-1010-30-17*
1000 x 1200 x 300	Sheet steel 	2 x size 1	1,5	2	3331-1012-30-07*	3331-1012-30-17*
	Stainless steel 	-	1,5	1,5	3351-1012-30-00*	3351-1012-30-10*
1000 x 1400 x 300	Sheet steel 	2 x size 1	1,5	2	3331-1014-30-07*	3331-1014-30-17*
	Stainless steel 	-	1,5	1,5	3351-1014-30-00*	3351-1014-30-10*
1200 x 915 x 300	Sheet steel 	2 x size 2	1,5	2	3331-1291-30-07*	3331-1291-30-17*
1000 x 800 x 350	Sheet steel 	2 x size 1	1,5	2	3331-1080-35-07*	3331-1080-35-17*
1000 x 1200 x 350	Sheet steel 	2 x size 1	1,5	2	3331-1012-35-07*	3331-1012-35-17*
	Stainless steel 	-	1,5	1,5	3351-1012-35-00*	3351-1012-35-10*
1200 x 1200 x 350	Sheet steel 	2 x size 2	1,5	2	3331-1212-35-07*	3331-1212-35-17*
	Stainless steel 	-	1,5	1,5	3351-1212-35-00*	3351-1212-35-10*
1000 x 800 x 400	Sheet steel 	2 x size 1	1,5	2	3331-1080-40-07*	3331-1080-40-17*
1000 x 1000 x 400	Sheet steel 	2 x size 1	1,5	2	3331-1010-40-07*	3331-1010-40-17*
1000 x 1200 x 400	Sheet steel 	2 x size 1	1,5	2	3331-1012-40-07*	3331-1012-40-17*
	Stainless steel 	-	1,5	1,5	3351-1012-40-00*	3351-1012-40-10*
1000 x 1400 x 400	Sheet steel 	2 x size 1	1,5	2	3331-1014-40-07*	3331-1014-40-17*
	Stainless steel 	-	1,5	1,5	3351-1014-40-00*	3351-1014-40-10*
1200 x 1200 x 400	Sheet steel 	2 x size 2	1,5	2	3331-1212-40-07*	3331-1212-40-17*
	Stainless steel 	-	1,5	1,5	3351-1212-40-00*	3351-1212-40-10*

* = double door version



häwa wall-mount enclosures landscape format

- Protection class IP55
- 180° hidden hinge
- Solid 26.5 mm wide door frame
- Narrow door gap
- Door stop change without drilling



**Advice from one of our
häwa consultants:**

Be inspired! You can find already completed customers' projects under "References" on our website.



Product description

Wall-mount enclosure, single or double door version, with mounting plate.

- Protective ground connection according to DIN EN 61439-1, bolts M6x16 on door and body
- The double flanged door frame and narrow door gap avoid the entry of dirt and water while opening the door
- Door(s) with seamlessly foamed seal, single door version: standard stop on the right side, door stop change possible, double door version: overlapping right door
- Sheet steel hidden hinges, opening angle 180°
- Lock: standard bar lock, 3 mm double mandrel
- Door(s) on both sides with reinforcing/perforated profile with attachment holes with a diameter of 4.2 mm at a 25 mm grid
- Base with internal cable entry plate(s) made of sheet steel, flanged on all sides, seal by means of PU-foam (usable area per cable plate: 500 mm x 125 mm) fixed on bolts M6x16
- Mounting plate on rear panel fixed on bolts M8x30, base with mounting profile
- Wall attachment: rear panel with 4 holes, 9 mm diameter, for wall attachment bracket mounting

Scope of delivery

- Complete enclosure with installed mounting plate and cable entry plate(s), ground connector mounting kit and 1 key.

Note

- Closure with compact handle (for elongated barrel) and other modifications on request

Technical data

- Technical drawings page 50
- Maximum installation depth of D-12 or D-24 mm with flanged mounting plate (20 mm)
- Protective ground connection according to DIN EN 61439-1
- Surface: powder coated RAL 7035, texture finish
- Lock: plastic housing, Locking bolts: GDZn black, Latch: galvanized
- Material: sheet steel, mounting plate and cable entry plate(s) galvanized
- Mounting plate: 2.5 mm, From enclosure width of 1000 mm flanged 20 mm
- Design based on protection class IP55, meets technical requirements according to type 12

Accessories › from page 28

- Mounting rails
- Wall attachments
- Locks
- Others

Dimensions (WxHxD)	With cable entry plate	Material thickness body	Material thickness door	Order number
mm		mm	mm	
800 x 700 x 300	1	1,5	1,5	3339-8070-30-17
800 x 700 x 400	1	1,5	1,5	3339-8070-40-17
1000 x 700 x 400	1	1,5	2	3339-1070-40-17
1200 x 700 x 400	2	1,5	1,5	3339-1270-40-17*
1600 x 700 x 400	2	1,5	2	3339-1670-40-17*

* = double door version



häwa Compact69

- Protection class IP66/IP69
- Steam jet/high-pressure cleaner resistant and tight with strong water jets
- Vibration resistant hinges and quarter turn locks on request
- Hidden hinges, opening angle approximately 120°
- Material: stainless steel or sheet steel



Advice from one of our häwa consultants:

On our website you can comfortably collect product related downloads on a notepad and download them later as a zip-file.



Product description

Compact69 enclosure, single door version, can be used with häwa enclosure and junction box accessories.

- Protective ground connection according to DIN EN 61439-1, bolts M6x16 on door and body
- Triple flanged special door frame 25 mm (top/bottom) and 31.5 mm (lateral), to protect the seal from direct water jets and to avoid the entry of dirt and water while opening the door
- Door with seamlessly foamed seal, standard door stop on the right side, door stop change by turning the enclosure
- Sheet steel hidden hinges, opening angle approx. 120°
- Lock: bar lock 3 mm double mandrel
- Vibration resistant hinges and quarter turn locks on request, the number and distances are defined through the respective width and height of the enclosure
- Door from housing width 226 mm with 4 bolts, M4x8 for attachment of reinforcement profiles or for free usage. Door up to housing width 225 mm without bolts.
- Enclosure with depth 120 mm prepared for the installation of a mounting plate or mounting rail, from depth 200 mm prepared for mounting plate
- Wall attachment by means of 4 or 6 pcs. flat-head rivet nuts, internal thread M6, on the rear panel

Scope of delivery

- Complete enclosure, without internal fittings, with 1 key

Note

- Mounting rails on request

Technical data

- Technical drawings page 56
- Protective ground connection according to DIN EN 61439-1
- Surface
Sheet steel version: powder coated RAL 7035, texture finish
Stainless steel version: externally brushed
- Material: sheet steel 1.5 mm or stainless steel 1.4301 1.5 mm
- Protection class: IP66/IP69

Accessories » from page 28

- Mounting plates
- Mounting rails
- Wall attachments
- Locks
- Others



Dimensions (WxHxD)	Material	Lock	Order number
mm			
225 x 250 x 120	Sheet steel	1 latch lock	0338-2025-12-07
	Stainless steel		0358-2025-12-00
225 x 350 x 120	Sheet steel	1 latch lock	0338-2035-12-07
	Stainless steel		0358-2035-12-00
325 x 400 x 120	Sheet steel	2 latch locks	0338-3040-12-07
	Stainless steel		0358-3040-12-00
425 x 400 x 120	Sheet steel	2 latch locks	0338-4040-12-07
	Stainless steel		0358-4040-12-00
410 x 400 x 200	Sheet steel	2 latch locks	0338-4040-20-07
	Stainless steel		0358-4040-20-00
410 x 600 x 200	Sheet steel	2 latch locks	0338-4060-20-07
	Stainless steel		0358-4060-20-00
610 x 600 x 200	Sheet steel	4 latch locks	0338-6060-20-07
	Stainless steel		0358-6060-20-00
610 x 600 x 300	Sheet steel	4 latch locks	0338-6060-30-07
	Stainless steel		0358-6060-30-00
610 x 800 x 200	Sheet steel	5 latch locks	0338-6080-20-07
	Stainless steel		0358-6080-20-00
610 x 1000 x 300	Sheet steel	5 latch locks	0338-6010-30-07
	Stainless steel		0358-6010-30-00
610 x 1200 x 400	Sheet steel	5 latch locks	0338-6012-40-07
	Stainless steel		0358-6012-40-00
810 x 800 x 200	Sheet steel	5 latch locks	0338-8080-20-07
	Stainless steel		0358-8080-20-00
810 x 800 x 300	Sheet steel	5 latch locks	0338-8080-30-07
	Stainless steel		0358-8080-30-00
810 x 1200 x 300	Sheet steel	5 latch locks	0338-8012-30-07
	Stainless steel		0358-8012-30-00
810 x 1600 x 400	Sheet steel	6 latch locks	0338-8016-40-07
	Stainless steel		0358-8016-40-00
810 x 1600 x 600	Sheet steel	6 latch locks	0338-8016-60-07
	Stainless steel		0358-8016-60-00



Special door frame
Triple flanged

Seal
Seamlessly foamed

Hidden hinge
Opening angle approx. 120°

Lock
Bar lock 3 mm double mandrel special latch

Protective ground connection
Bolts on body and door



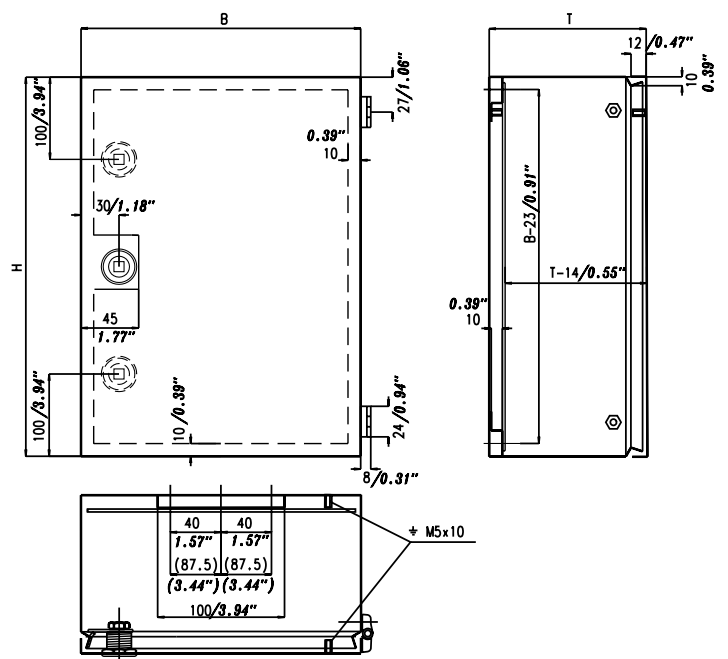
häwa K-enclosures

- Perfect for smaller circuit and wiring systems
- Narrow door frame for large installation surfaces
- Protection class IP55, type 12
- Approval: cULus



Advice from one of our häwa consultants:

In this catalogue you can find a selection of already realized possibilities. You can't find your requirement? Talk to us!



Product description

K-enclosure, single door version, can be used with häwa junction box accessories.

- Protective ground connection according to DIN EN 61439-1, bolts M5x10 on door and body
- 9 mm flanged door frame and narrow door gap avoid the entry of dirt and water while opening the door
- Door with seamlessly foamed seal, standard door stop on the right side, door stop change possible
- Sheet steel hinges, opening angle 120°
- Lock: quarter turn lock, standard locking type 3 mm double mandrel
- Z-bracket on the rear panel for the attachment of a mounting plate or mounting rail

Scope of delivery:

- Complete enclosure and 1 key

Technical data

- Protective ground connection according to DIN EN 61439-1
- Surface: powder coated RAL 7035, texture finish
- Material: sheet steel 1.5 mm
- Approval: cULus
- Protection class: IP55, type 1, 2, 5, 12

Accessories › from page 44

- Mounting plates
- Mounting rails
- Wall mountings
- Locks
- Others

Dimensions (WxHxD)	Lock	Order number
mm		
150 x 150 x 80	1 latch lock	2409-1515-80-07
150 x 200 x 80	1 latch lock	2409-1520-80-07
150 x 300 x 80	1 latch lock	2409-1530-80-07
150 x 300 x 120	1 latch lock	2409-1530-12-07
200 x 200 x 120	1 latch lock	2409-2020-12-07
200 x 300 x 120	1 latch lock	2409-2030-12-07
200 x 400 x 120	1 latch lock	2409-2040-12-07
200 x 500 x 120	2 latch locks	2409-2050-12-07
300 x 300 x 120	1 latch lock	2409-3030-12-07
300 x 400 x 120	1 latch lock	2409-3040-12-07



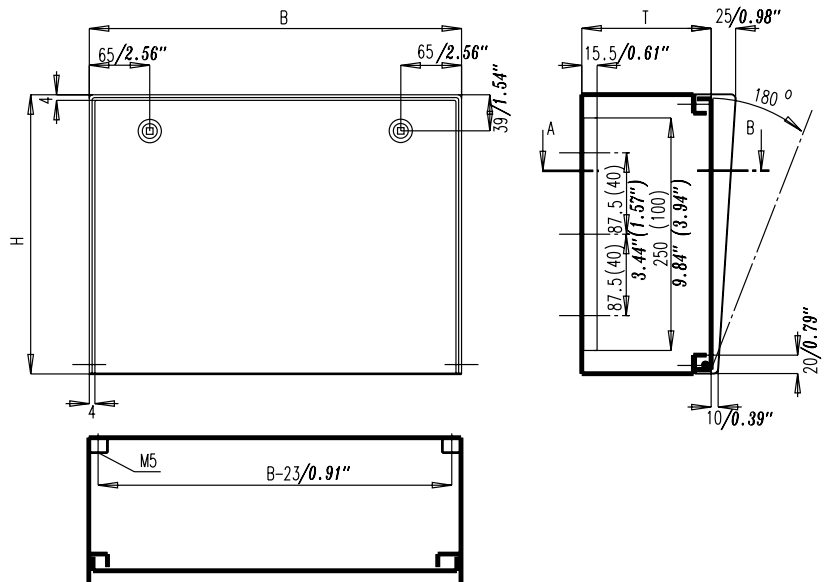
häwa keypad enclosures

- Protection class: IP65
- Lid with front frame
- Hinges with 180° opening angle



Advice from one of our häwa consultants:

The entire diversity of the world of häwa – available for download. Simply comfortable: In our download-center you receive all brochures, catalogues and technical drawings with one click.



Product description

Keypad enclosure with front flanged frame for the protection of installed devices. Especially suitable for control enclosure.

- Protective ground connection according to DIN EN 61439-1, bolts M5x16 on lid and body
- 90° frame: 20 mm
- Lid with seamlessly foamed seal
- Lid hinged at the bottom, opening angle 180°
- Lock: standard 6 mm square
- Front frame: flanged to the front, unscrewable

Scope of delivery

- Enclosure, lid and front frame

Technical data

- Protective ground connection according to DIN EN 616439-1
- Surface: powder coated RAL 7035, texture finish
- Material: sheet steel 1.5 mm
- Protection class: IP65

Accessories [▶ from page 44](#)

- Mounting plates
- Mounting rails
- Wall attachment brackets
- Others

Dimensions (WxHxD)	Order number
mm	
200 x 300 x 120	2441-2030-12-07
200 x 300 x 200	2441-2030-20-07
300 x 300 x 120	2441-3030-12-07
400 x 300 x 120	2441-4030-12-07
400 x 300 x 200	2441-4030-20-07
600 x 400 x 200	2441-6040-20-07



häwa EMC-enclosures

- Protection against electromagnetic interference
- Prevention of unintended radiation in the environment
- EMC/IP special seal
- All contact points are conductive
- Material: stainless steel or sheet steel



Advice from one of our häwa consultants:

You are looking for an enclosure with special dimensions? Do not hesitate to call us!
We deliver your enclosure according to your individual dimensions!



Product description

Wall-mount enclosure, single door version.
Optionally with or without mounting plate.

- Protective ground connection according to DIN EN 61439-1, bolts M6x16 on door and body
- Double flanged door frame and narrow door gap avoid the entry of dirt and water while opening the door
- Door with EMC/IP special seal, standard door stop on the right side
- Hidden hinges, made of sheet steel or stainless steel, opening angle 180°
- Lock: up to H-400 mm with 1 quarter turn lock, from H-401 mm with 2 quarter turn locks, from H-801 mm with bar lock, standard locking 3 mm double mandrel
- Doors from height 400 mm on both sides with reinforcing/perforated profile with attachment holes with a diameter of 4.2 mm in a 25 mm grid
- Sheet steel version: base from width 400 mm and depth 200 mm with external sheet steel cable entry plate(s), flush with enclosure
(Size 1: L x W: 355 mm x 155 mm, usable area: 325 mm x 125 mm;
Size 2: L x W: 555 mm x 155 mm, usable area: 525 mm x 125 mm)
fixed with Gefu-screw M4 with torx T20
Stainless steel version: closed base
- Mounting plate on rear panel, max. 10 mm adjustable, to depth, flanged mounting plate, fixed position
- Wall attachment: rear panel closed with screws

Scope of delivery

- Enclosure, with or without mounting plate (loose delivery) with hardware, ground connector mounting kit and 1 key. Depending on material and size with cable entry plate(s)

Note

- Closure with compact handle (for elongated barrel) and other modifications on request

Technical data































- Maximum installation depth from D-16 mm resp. D-24 mm with flanged mounting plate (20 mm)
- Protective ground connection according to DIN EN 61439-1
- Surface
Sheet steel version: powder coated RAL 7035, texture finish
Stainless steel version: externally brushed
- Lock: GDZn black, latch: galvanized or completely made of stainless steel
- Material: sheet steel or stainless steel 1.4301
Mounting plate galvanized
- Mounting plate: 2 mm;
from enclosure width/height 600 mm x 600 mm 2.5 mm;
from width/height 801 mm flanged 20 mm
- Protection class: based on IP54

Accessories [▶ from page 28](#)

- Mounting plates
- Mounting rails
- 19" swing frame
- Wall attachments
- Locks
- Others



Dimensions (WxHxD)	Material	With cable entry plate	Thickness body	Thickness door	Without mounting plate	With mounting plate
mm			mm	mm		
200 x 300 x 125	Sheet steel	-	1,35	1,35	3331-2030-12-06	3331-2030-12-16
	Stainless steel	-	1,5	1,5	3351-2030-12-06	3351-2030-12-16
300 x 400 x 150	Sheet steel	-	1,35	1,35	3331-3040-15-06	3331-3040-15-16
	Stainless steel	-	1,5	1,5	3351-3040-15-06	3351-3040-15-16
300 x 450 x 150	Sheet steel	-	1,35	1,35	3331-3045-15-06	3331-3045-15-16
400 x 600 x 150	Sheet steel	-	1,35	1,5	3331-4060-15-06	3331-4060-15-16
300 x 300 x 200	Sheet steel	-	1,35	1,35	3331-3030-20-06	3331-3030-20-16
300 x 450 x 200	Sheet steel	-	1,35	1,35	3331-3045-20-06	3331-3045-20-16
400 x 400 x 200	Sheet steel	1 x size 1	1,35	1,35	3331-4040-20-06	3331-4040-20-16
	Stainless steel	-	1,5	1,5	3351-4040-20-06	3351-4040-20-16
400 x 500 x 200	Sheet steel	1 x size 1	1,35	1,35	3331-4050-20-06	3331-4050-20-16
400 x 600 x 200	Sheet steel	1 x size 1	1,35	1,5	3331-4060-20-06	3331-4060-20-16
	Stainless steel	-	1,5	1,5	3351-4060-20-06	3351-4060-20-16
450 x 300 x 200	Sheet steel	1 x size 1	1,35	1,35	3331-4530-20-06	3331-4530-20-16
500 x 500 x 200	Sheet steel	1 x size 1	1,35	1,5	3331-5050-20-06	3331-5050-20-16
500 x 800 x 200	Sheet steel	1 x size 1	1,35	1,5	3331-5080-20-06	3331-5080-20-16
600 x 400 x 200	Sheet steel	1 x size 2	1,35	1,5	3331-6040-20-06	3331-6040-20-16
600 x 600 x 200	Sheet steel	1 x size 2	1,35	1,5	3331-6060-20-06	3331-6060-20-16
	Stainless steel	-	1,5	1,5	3351-6060-20-06	3351-6060-20-16
600 x 700 x 200	Sheet steel	1 x size 2	1,35	1,5	3331-6070-20-06	3331-6070-20-16
600 x 800 x 200	Sheet steel	1 x size 2	1,35	1,5	3331-6080-20-06	3331-6080-20-16
	Stainless steel	-	1,5	1,5	3351-6080-20-06	3351-6080-20-16
800 x 600 x 200	Sheet steel	2 x size 1	1,35	1,5	3331-8060-20-06	3331-8060-20-16
800 x 800 x 200	Sheet steel	2 x size 1	1,5	1,5	3331-8080-20-06	3331-8080-20-16
	Stainless steel	-			3351-8080-20-06	3351-8080-20-16
800 x 1000 x 200	Sheet steel	2 x size 1	1,5	1,5	3331-8010-20-06	3331-8010-20-16
400 x 600 x 300	Sheet steel	1 x size 1	1,35	1,5	3331-4060-30-06	3331-4060-30-16
500 x 500 x 300	Sheet steel	1 x size 1	1,35	1,5	3331-5050-30-06	3331-5050-30-16
600 x 600 x 300	Stainless steel	-	1,35	1,5	3351-6060-30-06	3351-6060-30-16
600 x 800 x 300	Sheet steel	1 x size 2	1,35	1,5	3331-6080-30-06	3331-6080-30-16
	Stainless steel	-	1,5	1,5	3351-6080-30-06	3351-6080-30-16

Dimensions (WxHxD)	Material	With cable entry plate	Thickness body	Thickness door	Without mounting plate	With mounting plate
mm			mm	mm		
600 x 1200 x 300	Sheet steel 	1 x size 2	1,35	1,5	3331-6012-30-06	3331-6012-30-16
800 x 600 x 300	Sheet steel 	2 x size 1	1,35	1,5	3331-8060-30-06	3331-8060-30-16
800 x 800 x 300	Sheet steel 	2 x size 1	1,5	1,5	3331-8080-30-06	3331-8080-30-16
	Stainless steel 	-			3351-8080-30-06	3351-8080-30-16
800 x 1000 x 300	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-30-06	3331-8010-30-16
	Stainless steel 	-			3351-8010-30-06	3351-8010-30-16
800 x 1200 x 300	Sheet steel 	2 x size 1	1,5	1,5	3331-8012-30-06	3331-8012-30-16
600 x 400 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6040-35-06	3331-6040-35-16
600 x 600 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6060-35-06	3331-6060-35-16
	Stainless steel 	-	1,5	1,5	3351-6060-35-06	3351-6060-35-16
600 x 800 x 350	Stainless steel 	-	1,35	1,5	3351-6080-35-06	3351-6080-35-16
600 x 1000 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6010-35-06	3331-6010-35-16
600 x 1200 x 350	Sheet steel 	1 x size 2	1,35	1,5	3331-6012-35-06	3331-6012-35-16
800 x 800 x 350	Stainless steel 	-	1,5	1,5	3351-8080-35-06	3351-8080-35-16
800 x 1000 x 350	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-35-06	3331-8010-35-16
1000 x 1200 x 350	Sheet steel 	2 x size 1	1,5	2	3331-1112-35-06	3331-1112-35-16
	Stainless steel 	-	1,5	1,5	3351-1112-35-06	3351-1112-35-16
600 x 600 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6060-40-06	3331-6060-40-16
	Stainless steel 	-	1,5	1,5	3351-6060-40-06	3351-6060-40-16
600 x 800 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6080-40-06	3331-6080-40-16
	Stainless steel 	-	1,5	1,5	3351-6080-40-06	3351-6080-40-16
600 x 1000 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6010-40-06	3331-6010-40-16
600 x 1200 x 400	Sheet steel 	1 x size 2	1,35	1,5	3331-6012-40-06	3331-6012-40-16
800 x 800 x 400	Sheet steel 	2 x size 1	1,5	1,5	3331-8080-40-06	3331-8080-40-16
	Stainless steel 	-			3351-8080-40-06	3351-8080-40-16
800 x 1000 x 400	Sheet steel 	2 x size 1	1,5	1,5	3331-8010-40-06	3331-8010-40-16
	Stainless steel 	-			3351-8010-40-06	3351-8010-40-16
800 x 1200 x 400	Sheet steel 	2 x size 1	1,5	1,5	3331-8012-40-06	3331-8012-40-16
1000 x 1200 x 400	Sheet steel 	2 x size 1	1,5	2	3331-1112-40-06	3331-1112-40-16
	Stainless steel 	-	1,5	1,5	3351-1112-40-06	3351-1112-40-16



häwa

Ex e/Ex t enclosures

- Designed for enclosure ignition protection, increased safety "e" and enclosure protection "t"
- Can be used in potentially explosive gas and dust atmospheres



Product description

Rigid and closed Ex e/EX t enclosures made of sheet steel or stainless steel

Your Ex-enclosures from häwa are:

- Certified by notified body
- EC type examination certificate number:
EPS 09 ATEX 1 175 U; IECEx Certificate of Conformity: IECEx EPS 12.0018U – can be used in explosive gas and dust atmospheres II 2G Ex eb IIA / IIB / IIC, II 2D Ex tb IIIC
- Up to a size of W x H x D: 2000 mm x 2500 mm x 1000 mm freely configurable
- Approved for ambient temperatures of -40 °C up +80 °C
- Norms conform with:
EN 60079-0:2018; EN 60079-7:2015;
EN 60079-31:2014; EN 61439-1:2011;
EN 60529:1991 + A1:2000 + A2:2013

- Dust proof
- On request processed with all drillings for cable entry
- Equipped with safe wall-mount attachments

Technical data

- Protective conductor connections M8 inside and outside
Connection for grounding M8
- Double flanged door frame
- Single or double door version or lid with seamlessly foamed seal
- Door with hinges, 180° opening
- Closure optionally bolted, with quarter turn latch lock or with bar lock
- Wallmount enclosures and junction boxes: Rear panel with tight fittings for wall attachment brackets
- Rear panel with tight fittings for wall attachment brackets
- Standard version optionally with mounting plate or mounting rails
- Material: stainless steel 1.4301, externally brushed, optionally: sheet steel, powder coated
- Optionally with window, front and rear doors or with internal or external flange plates
- Protection class: IP65



Advice from one of our häwa consultants:

You will find ordering information as .pdf files on the internet or per QR Code.

häwa Ex p enclosures

- Designed for the device ignition protection class “p” for pressurized enclosures
- Can be used in potentially explosive gas and dust atmospheres of the petrochemistry, offshore



Product description

Rigid and closed Ex p enclosure version
Your Ex-enclosures from häwa are:

- Standards in accordance with:
EN 60079-0:2012 + A11:2013
EN 60079-2:2014
EN 61439-1:2011
EN 60529:1991 + A1:2000 + A2:2013

- Dust proof
- Very resistant
- No dead space
- Freely configurable in size
- With cut-outs according to your specifications
- Additionally reinforced on request

Technical data

- Internal and external protective ground connections M8
- Double flanged door frame
- Single or double door version or lid with seamlessly foamed seal. Double seal system on request
- Doors with hinges up to 180° opening, lock: quarter turn latch lock
- Internal fitting, as well as cut-outs according to your specifications
- Material standard: stainless steel 1.4301, externally brushed or on request 1.4404 or 1.4571
- Optionally with window VSG 6 mm
- Protection class: IP65 or IP66

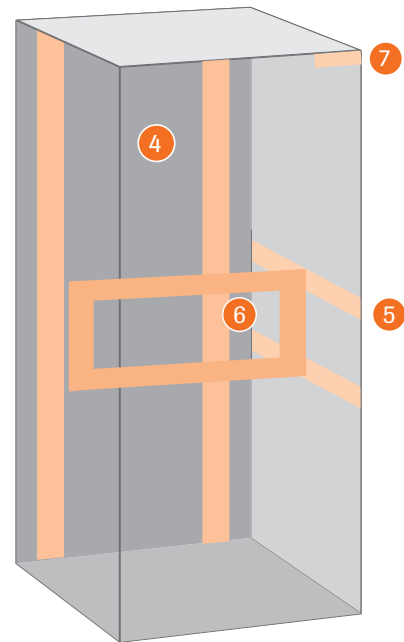
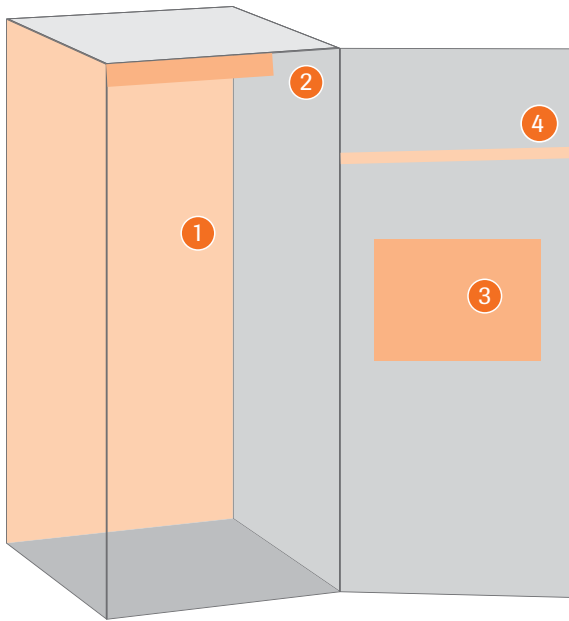


Advice from one of our häwa consultants:

You will find ordering information as .pdf files on the internet or per QR Code.



Internal accessories for häwa enclosures



1 Mounting plate or perforated mounting plate

2 Lighting

3 Diagram pocket

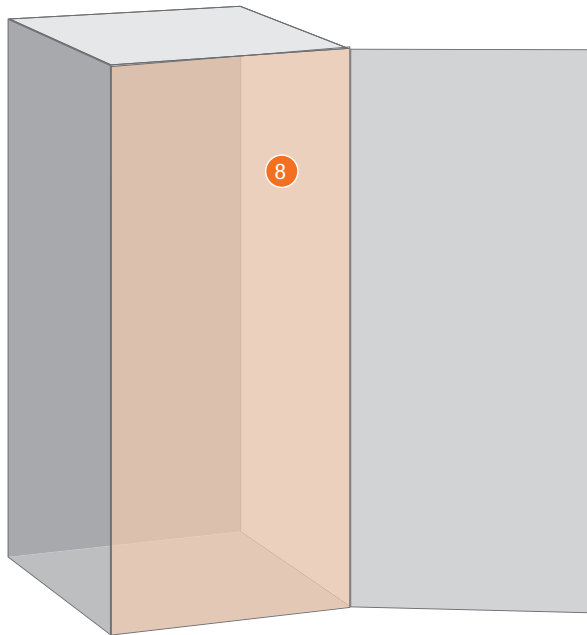
4 Rail systems

5 Universal rails

6 19" swing frame

7 Door opening limiter

Your wishes



- 8 Inner door

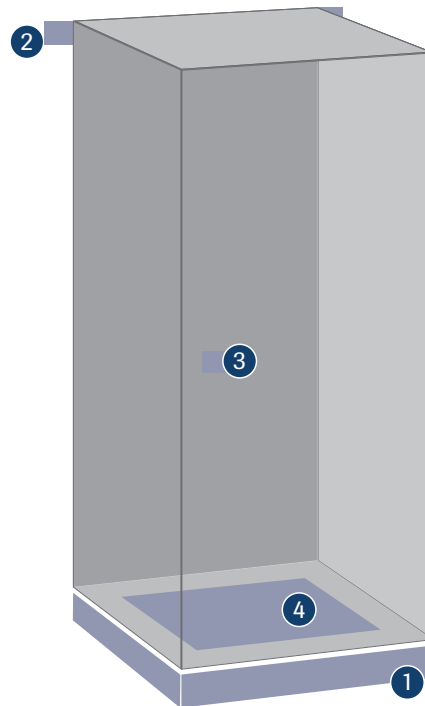


Advice from one of our häwa consultants:

Use our convenient download-form for the first configuration and for the enquiry of your enclosure.

Or just ask your häwa consultant.

External accessories for häwa enclosures



- 1 Fixed base or feet

- 2 Wall attachment

- 3 Other lock types

- 4 Cable entry

Here you can find a selection of the most important system components and accessories from the wide range of häwa products for an initial general planning of your enclosure construction.



Accessories for häwa enclosures

Here is a selection of the most important internal and external häwa system components and accessories. You can find many other solutions and components on our website at www.haewa.de under enclosures and accessories.



Internal accessories

- Everything to create an efficient operating room



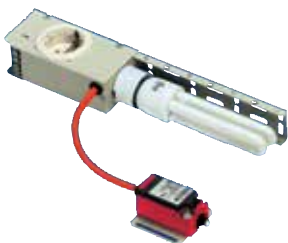
Accommodation of 19" technology

- Safe installation of 19" components



Protective ground connection cables

- For a safe connection



Lighting

- Conventional, energy-saving or LED technology?



Assembly

- Base or feet or...?



Advice from one of our häwa consultants:



We will do the detailed work for you.

Simply mark the components required for your application on your enquiry form – your häwa consultant will do everything else including the selection of suitable mounting hardware.



Storage

- Ensures order inside the enclosure



Cable entry

- Choose a häwa version or specify size and number of the required drillings



Locks

- Variable locking systems



häwa junction boxes and small enclosures

häwa junction boxes and small enclosures are available in powder coated sheet steel, stainless steel 1.4301, aluminum, polycarbonate, ABS, polyester or in another suitable material according to your requirements.

A wide range of dimensions, protection classes IP65/IP66 and UL approvals offer an unlimited array of standard and customized possibilities to meet your specific requirements.

Your häwa customer standard

Different materials, dimensions, colors or customized design? Not a problem, we do it every day, just contact us!

info@haewa.de

Examples:



1



3



2



4

1 Rigid:

- From 1.5 mm sheet steel or stainless steel

3 Safe:

- Seamlessly foamed PU-seal. Your wirings and distributions are protected from dirt and water through protection class IP66

2 Spacious:

- Narrow door frame with flanged edges which can be used as rain gutter

4 Useful:

- Equipment rail included in scope of delivery of junction boxes, protective ground connection in lid and body

Junction boxes and small enclosures



For details, see individual products

Stainless steel or sheet steel or... –
It's your choice.

Stainless steel

- Stainless steel material no. 1.4301
- Externally brushed

Sheet steel

- Surface: powder coated, texture finish

Aluminum

- Enclosure for high mechanical stress, corrosion and impact-resistant
- Surface: powder coated

Polycarbonate

ABS

Polyester

- Glass fiber reinforced for permanent protection against aggressive media, extreme environmental pollution or high mechanical stress





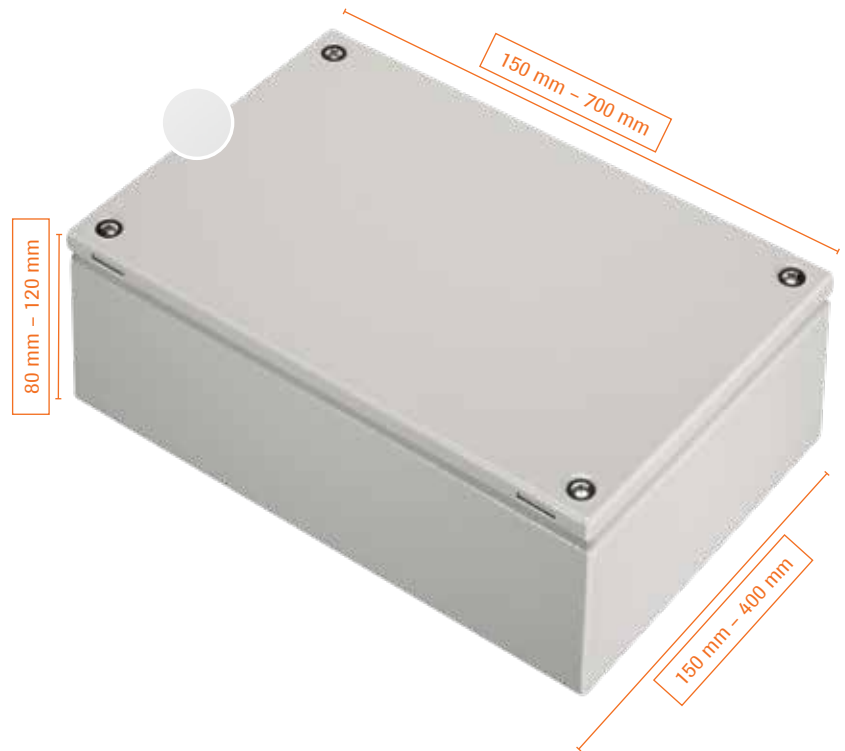
häwa junction boxes K8 & K12

- Protection class: IP66
- Captive lid screws
- Detachable clip nuts
- Including equipment rail
- Approvals: cULus



**Advice from one of our
häwa consultants:**

At www.haewa.com you simply find your enclosure by filling in the order number under search.



Product description

Junction box for the optimum protection of wirings.

- Protective ground connection according to DIN EN 61439-1, bolts M5x10 on lid and body
- Flanged frame 9 mm
- Lid with seamlessly foamed seal
- Screwed lid with captive screws and detachable clip nuts
- Installation system: equipment rail up to enclosure length of 499 mm DIN EN 60715 35 mm x 7.5 mm
from enclosure length 500 mm DIN EN 60715 35 mm x 15 mm

Scope of delivery

- Junction box with lid and mounted equipment rail

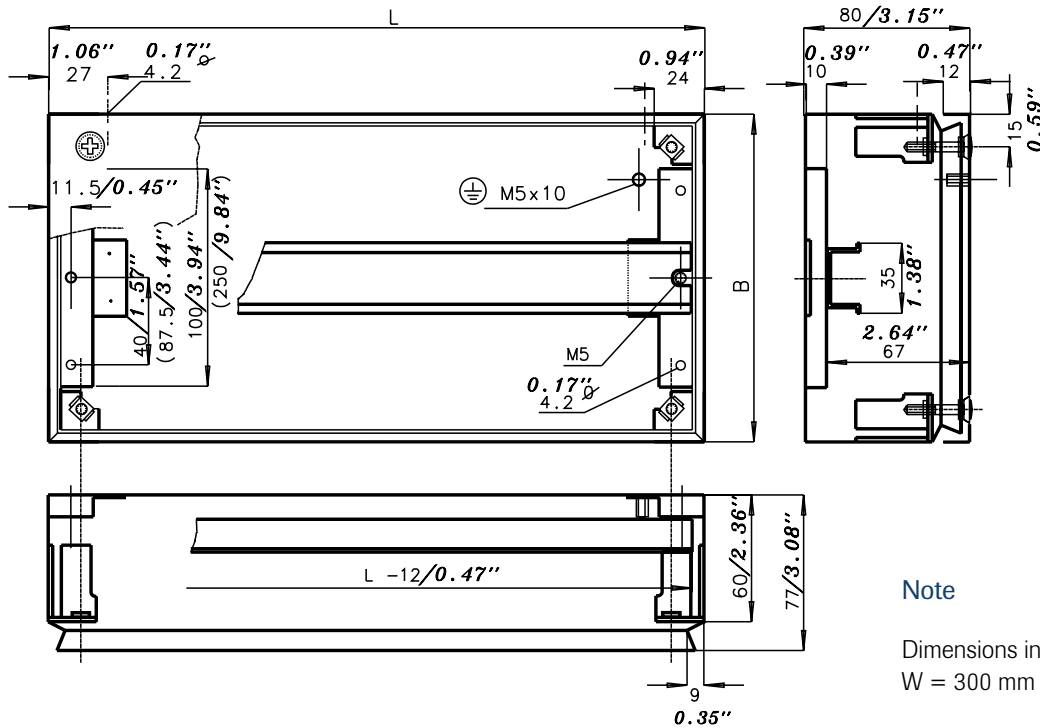
Technical data

- Protective ground connection according to DIN EN 61439-1
- Surface: powder coated, RAL 7035, texture finish
- Material: sheet steel 1.5 mm
- Approvals: cULus
- Protection class: IP66, type 1, 12, 13
- Optional type 2, 5, 3, 3R, 4

Accessories [▶ from page 44](#)

- Mounting plates
- Mounting rails
- Screwed wall attachments
- Hinges *
- Others

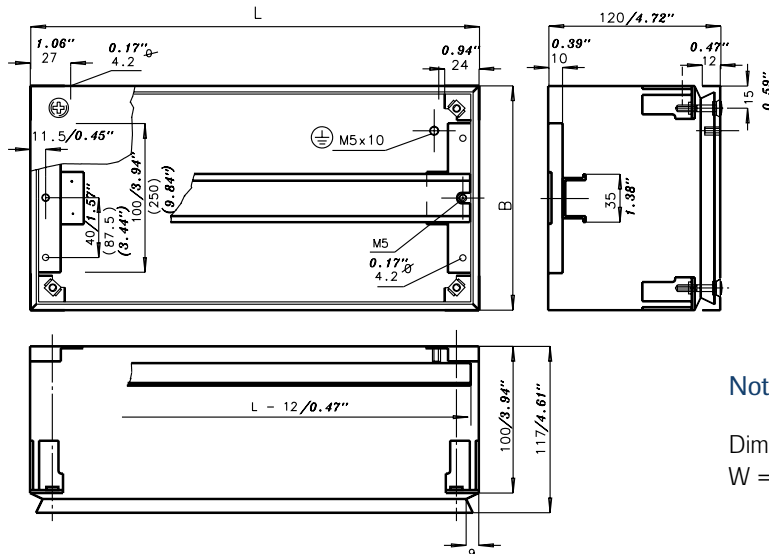
(* not in UL-version)



Note

Dimensions in parentheses for
W = 300 mm and W = 400 mm

Dimensions (W x L x D)	Number of lid screws	Order number
mm		
150 x 150 x 80	4	2408-1515-80-37
150 x 200 x 80	4	2408-2015-80-37
200 x 200 x 80	4	2408-2020-80-37
150 x 250 x 80	4	2408-2515-80-37
150 x 300 x 80	4	2408-3015-80-37
200 x 300 x 80	4	2408-3020-80-37
300 x 300 x 80	4	2408-3030-80-37
150 x 350 x 80	4	2408-3515-80-37
150 x 400 x 80	4	2408-4015-80-37
200 x 400 x 80	4	2408-4020-80-37
300 x 400 x 80	4	2408-4030-80-37
400 x 400 x 80	4	2408-4040-80-37
150 x 500 x 80	4	2408-5015-80-37
200 x 500 x 80	4	2408-5020-80-37
150 x 600 x 80	4	2408-6015-80-37
200 x 600 x 80	4	2408-6020-80-37
150 x 700 x 80	4	2408-7015-80-37
200 x 700 x 80	4	2408-7020-80-37



Note

Dimensions in parentheses for
W = 300 mm and W = 400 mm

Dimensions (W x L x D)	Number of lid screws	Order number
mm		
150 x 150 x 120	4	2412-1515-12-37
150 x 200 x 120	4	2412-2015-12-37
200 x 200 x 120	4	2412-2020-12-37
150 x 250 x 120	4	2412-2515-12-37
150 x 300 x 120	4	2412-3015-12-37
200 x 300 x 120	4	2412-3020-12-37
300 x 300 x 120	4	2412-3030-12-37
150 x 350 x 120	4	2412-3515-12-37
150 x 400 x 120	4	2412-4015-12-37
200 x 400 x 120	4	2412-4020-12-37
300 x 400 x 120	4	2412-4030-12-37
400 x 400 x 120	4	2412-4040-12-37
150 x 500 x 120	4	2412-5015-12-37
200 x 500 x 120	4	2412-5020-12-37
300 x 500 x 120	4	2412-5030-12-37
400 x 500 x 120	6	2412-5040-12-37
150 x 600 x 120	4	2412-6015-12-37
200 x 600 x 120	4	2412-6020-12-37
300 x 600 x 120	6	2412-6030-12-37
400 x 600 x 120	6	2412-6040-12-37
150 x 700 x 120	4	2412-7015-12-37
200 x 700 x 120	4	2412-7020-12-37
300 x 700 x 120	6	2412-7030-12-37
400 x 700 x 120	6	2412-7040-12-37



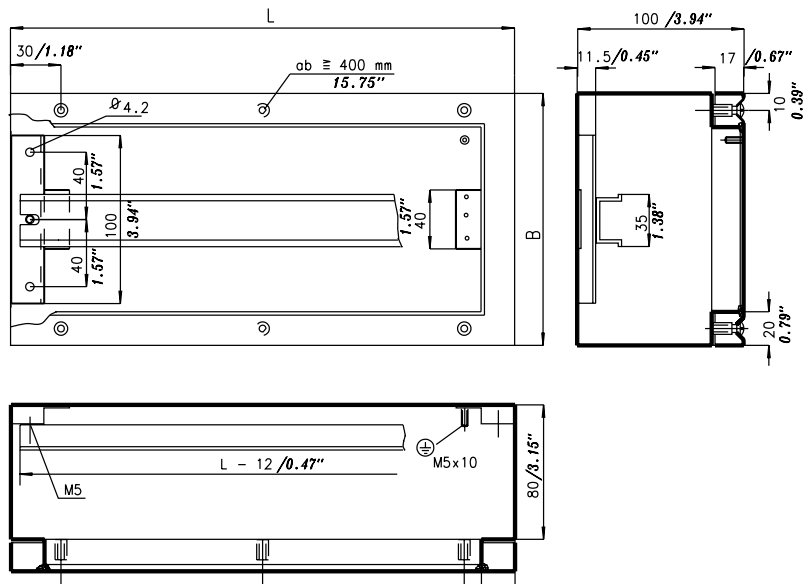
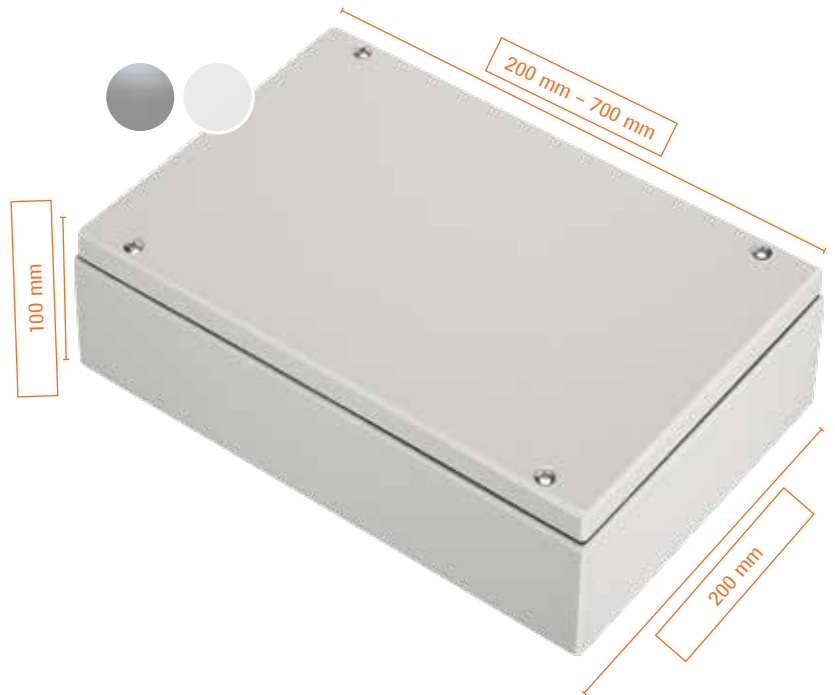
häwa junction boxes K10 & K11

- Protection class: IP66
- Lid screws outside the seal
- Including equipment rail
- Material: stainless steel or sheet steel
- Approvals: cULus



Advice from one of our häwa consultants:

We are pleased to call you back! Simply fill in the "request call-back" form on our website.



Product description

Junction box for the optimum protection of wirings.

- Protective ground connection according to DIN EN 61439-1, bolts M5x 10 on lid and body
- 90° frame: 20 mm
- Lid with seamlessly foamed seal
- Screwed lid. Sheet steel version: with captive screws outside the PU-seal; for stainless-steel version: with torx screws T20 outside the PU-seal
- Installation system: equipment rail up to enclosure length of 499 mm DIN EN 60715, 35 mm x 7.5 mm, from enclosure length 500 mm DIN EN 60715, 35 mm x 15 mm

Scope of delivery

















- Junction box with lid and mounted equipment rail

Technical data

- Protective ground connection according to DIN EN 61439-1
- Surface:
Sheet steel version: powder coated RAL 7035, texture finish
Stainless steel version: externally brushed
- Material: sheet steel 1.5 mm or stainless steel 1.4301 1.5 mm
- Approvals: cULus
- Protection class: IP66, type 1, 12, 13
Stainless steel additionally type 4X, optionally type 2, 5, 3, 3R, 4

Accessories ▶ from page 44

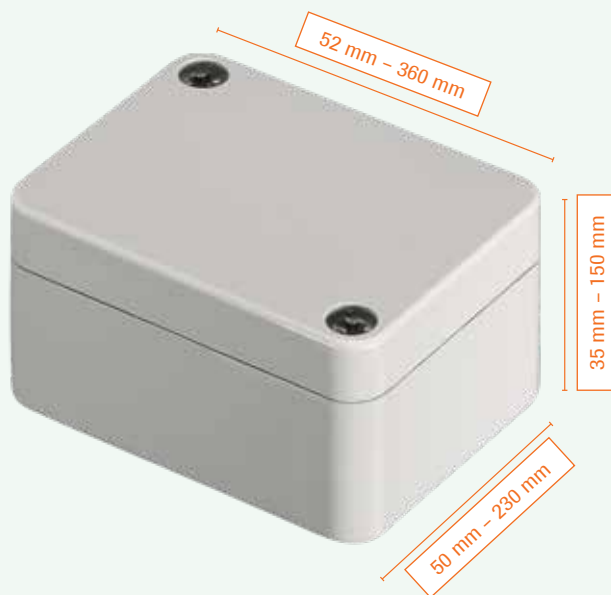
- Mounting plates
- Mounting rails
- Screwed wall attachments
- Others

Dimensions (W x L x D)	Material	Number of lid screws	Order number
200 x 200 x 100	Sheet steel 	4	2410-2020-10-37
	Stainless steel 		2411-2020-10-30
200 x 250 x 100	Sheet steel 	4	2410-2520-10-37
	Stainless steel 		2411-2520-10-30
200 x 300 x 100	Sheet steel 	4	2410-3020-10-37
	Stainless steel 		2411-3020-10-30
200 x 350 x 100	Sheet steel 	4	2410-3520-10-37
	Stainless steel 		2411-3520-10-30
200 x 400 x 100	Sheet steel 	6	2410-4020-10-37
	Stainless steel 		2411-4020-10-30
200 x 500 x 100	Sheet steel 	6	2410-5020-10-37
	Stainless steel 		2411-5020-10-30
200 x 600 x 100	Sheet steel 	6	2410-6020-10-37
	Stainless steel 		2411-6020-10-30
200 x 700 x 100	Sheet steel 	6	2410-7020-10-37
	Stainless steel 		2411-7020-10-30



häwa plastic housings – PC 2366 & ABS 2365

- Protection class: IP65
- With captive quick-release fastener
- Especially suitable for encapsulation of electric and electronic components, as well as complete small-scale controllers
- Material: polycarbonate or ABS



You will find technical drawings as well as order numbers of standard sizes on the internet at www.haewa.com

Product description

Plastic housing made of polycarbonate or ABS

- Seal: neoprene round cord placed in lid
- Lock: captive quick-release fastener made of stainless steel, combi cross-recess head, depending on size between 2 – 6 locks
- Attachment bosses in the base with enclosed self-tapping screws for the fixation of components

Scope of delivery

- Complete enclosure with quick-release fastener, self-tapping screws enclosed

Note

- Enclosure with cylinder screw as lid lock on request
- Enclosure with silicon lid seal on request

Technical data

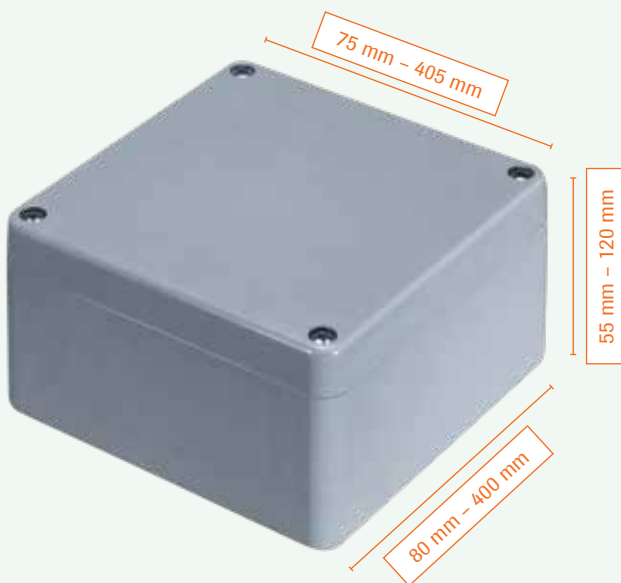
- Surface: similar to RAL 7035
- Temperature range enclosure made of polycarbonate: -40°C up to +120°C
- Temperature range enclosure made of ABS: -40°C up to +80°C
- Temperature range of seal: -30°C up to +80°C
- Protection class: IP65

Accessories ▶ from page 44

- Mounting plates
- External mounting brackets
- External joints
- Others

häwa plastic housings – polyester 2367

- Protection class: IP66
- Captive lid screws
- Especially suitable for encapsulation of electric and electronic components and control components
- Ideal in case of extreme environmental pollution



You will find technical drawings as well as order numbers of standard sizes on the internet at www.haewa.com

Product description

Plastic enclosure made of glass fibre reinforced polyester

- Seal: EPDM-seal inserted in the lid
- Lock: 4 captive stainless steel lid screws, retained by a self-latching element, integrated in the cover, cross-recess head
- Mounting flange on the narrow sides of the base with pressed-in threaded bushes for the fixation of a mounting plate or mounting rail. Number and size depend on dimensions

Scope of delivery

- Complete enclosure with lid screws

Note

- Enclosure with silicone seal (temperature range: -55°C up to +100°C) on request

Technical data

- Surface: similar to RAL 7000
- Material: polyester, glass fiber reinforced, halogen-free
- Temperature range of seal: -20°C up to +100°C
- Protection class: IP65

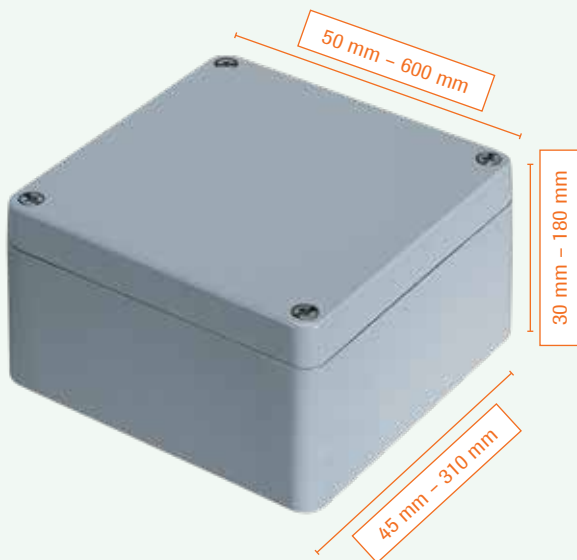
Accessories ▶ from page 44

- Mounting plates
- External mounting brackets
- External joints
- Others



häwa aluminum enclosures 2374

- Protection class: IP66
- High chemical resistance
- Especially suitable for encapsulation of electric, electronic and pneumatic components



You will find technical drawings as well as order numbers of standard sizes on the internet at www.haewa.com

Product description

Enclosure made of die-cast aluminum

- Protective ground connection: 1 – 4 copper-plated screws M3, M4 or M6 with 2 washers each
- Seal: neoprene round cord inserted in lid
- Lock: 2 – 6 stainless steel captive lid screws
- With mounting flanges on the narrow side for the fixation of a mounting plate or mounting rail

Scope of delivery

- Complete enclosure with lid screws

Note

- Enclosure with stainless steel internal joint (swing range approx. 95°) on request
- Enclosure IP67 with silicone lid seal on request
- Enclosure with hexagon socket head screw as lid screw on request

Technical data

- Surface: powder coated, texture finish silver grey similar to RAL 7001
- Temperature range enclosure: -30 °C up to +80 °C
- Temperature range seal: -30 °C up to +80 °C
- Protection class: IP66

Accessories [▶ from page 44](#)

- Mounting plates
- External mounting brackets
- External joints
- Others

Aluminum enclosures

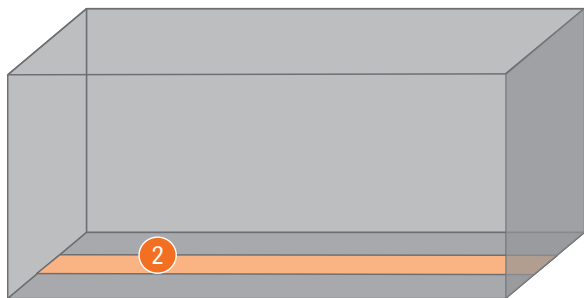
Dimensions (W x L x D)	Number of lid screws	Order number
mm		
45 x 50 x 30	2	2374-0504-03-50
64 x 58 x 36	4	2374-0506-03-50
80 x 75 x 57	4	2374-0708-05-50*
80 x 75 x 57	4	2374-0708-05-54
64 x 98 x 36	4	2374-0906-03-50
80 x 125 x 57	4	2374-1208-05-50*
80 x 125 x 57	4	2374-1208-05-54
122 x 122 x 80	4	2374-1212-08-50
64 x 150 x 36	4	2374-1506-03-50
160 x 160 x 90	4	2374-1616-09-50
80 x 175 x 57	4	2374-1708-05-50*
80 x 175 x 57	4	2374-1708-05-54
230 x 200 x 110	4	2374-2023-11-50
230 x 200 x 180	4	2374-2023-18-50
122 x 220 x 80	4	2374-2212-08-50*
122 x 220 x 80	4	2374-2212-08-54
80 x 250 x 57	4	2374-2508-05-50
160 x 260 x 90	4	2374-2616-09-50*
160 x 260 x 90	4	2374-2616-09-54
230 x 280 x 110	4	2374-2823-11-50
230 x 330 x 110	4	2374-3323-11-50
230 x 330 x 180	4	2374-3323-18-50
122 x 360 x 80	4	2374-3612-08-50
160 x 360 x 90	4	2374-3616-09-50
230 x 400 x 110	4	2374-4023-11-50
310 x 402 x 110	4	2374-4031-11-50
310 x 402 x 180	4	2374-4031-18-50
160 x 560 x 90	6	2374-5616-09-50
310 x 600 x 110	6	2374-6031-11-50
310 x 600 x 180	6	2374-6031-18-50

* = Enclosure with bar on the narrow side



Accessories for häwa junction boxes and small enclosures

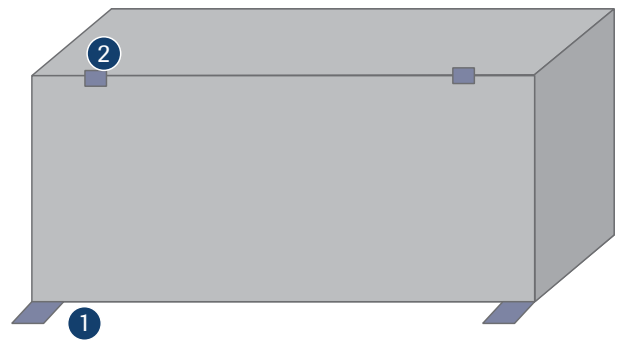
Internal



1 Mounting plate

2 Mounting rail

External



1 Wall attachment

2 Hinge, hinge clamp or external joint

Here you can find a selection of the most important system components and accessories from the wide range of häwa products for an initial general planning of your enclosure construction.

Your wishes



Advice from one of our häwa consultants:

Use our practical download-form for the first configuration and for the inquiry of your enclosure.

Or just ask your häwa consultant.

Summary – range of accessories



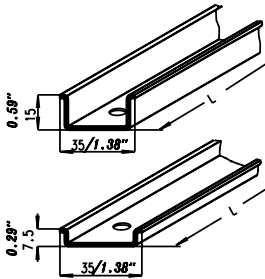
Advice from one of our hawa consultants:



We will do the detailed work for you.

Simply mark the components required for your application on your enquiry form – your hawa consultant will do everything else including the selection of suitable mounting hardware.

Here you can find a selection of the most important internal and external hawa system components and accessories. You can find many other solutions and components on our website www.haewa.com under enclosures and accessories.



Internal accessories

- Everything for an efficient interior design



Protective ground connection cables

- For a safe connection



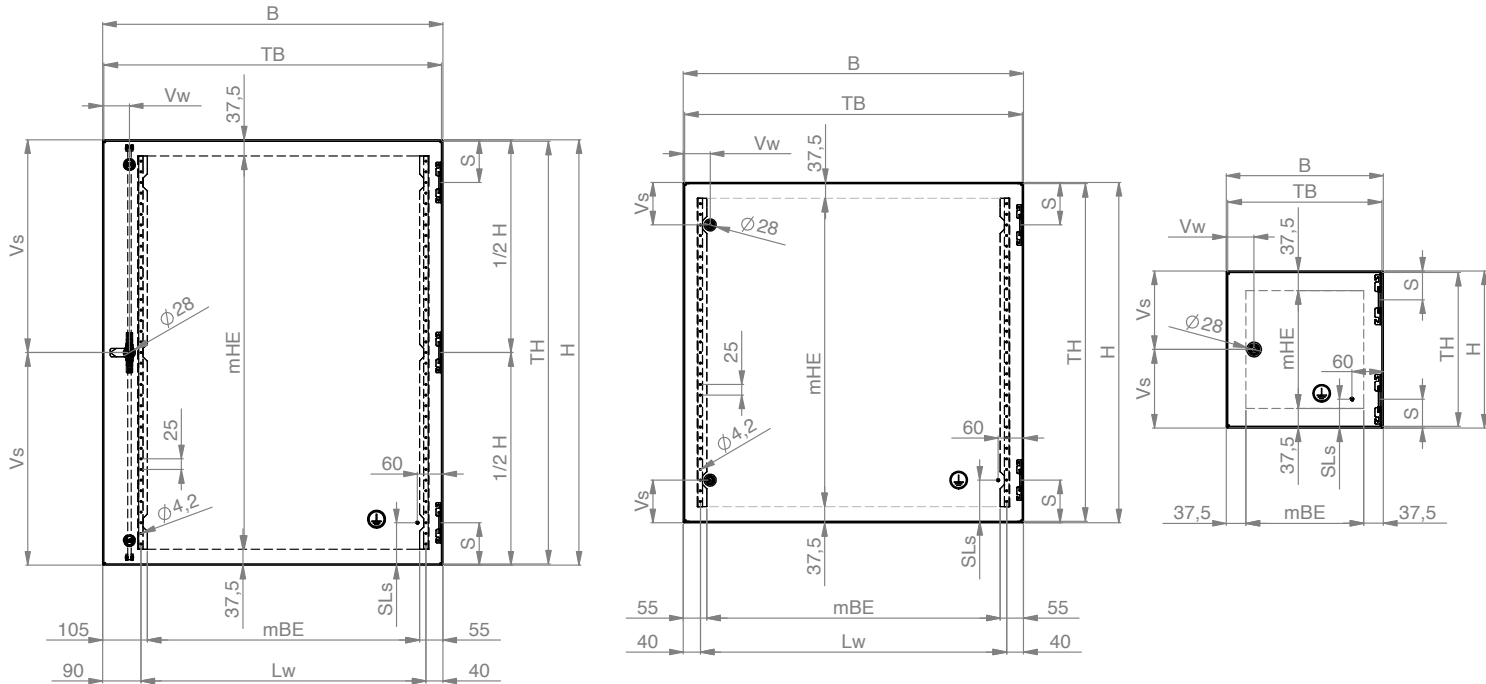
Wall attachments

- For every enclosure the suitable mounting



Lid mounting

- Hinges, joints, or ... ?

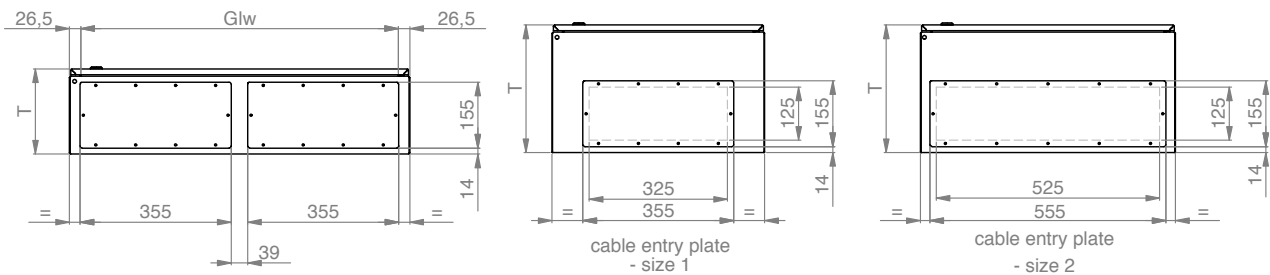


enclosure height	usable clearance vertically	usable clearance horizontally	door height	door width	quantity locks / quantity locking points	distance to lock vertically	distance to lock horizontally	quantity hinges	distance to hinge	distance from rows of holes horizontally	max. width for fixtures in the door	max. height for fixtures in the door	position of grounding stud vertically threadbolt M6x16	position of grounding stud in enclosure	mounting plate design	mounting plate height	mounting plate width	setting range of mounting plate
H	Gls	Glw	TH	TB		Vs*	Vw*		s*	Lw	mBE	mHE	SLs*			EPH	EPB	VEP*
250 mm - 399 mm	H - 53 mm	B - 53 mm	H - 6 mm	B - 6 mm	1 / 1	1/2 H	53 mm	2	55 mm	—	B - 75 mm	H - 75 mm	55 mm	1x right bottom 1x left top	flat	H - 30 mm	B - 57 mm	15 - 26 mm
400 mm					1 / 1	1/2 H	63 mm	2	55 mm	B - 80 mm	B - 110 mm		55 mm	1x right bottom 1x left top	flat			15 - 26 mm
401 mm - 599 mm					2 / 2	75 mm	63 mm	2	75 mm				75 mm	1x right bottom 1x left top	flat			15 - 26 mm
600 mm - 800 mm					2 / 2	100 mm	63 mm	2	100 mm				100 mm	1x right bottom 1x left top	flat			15 - 26 mm
801 mm - 1525 mm					1 / 3	1/2 H	63 mm	3	100 mm				B - 130 mm	B - 160 mm	1x right bottom 1x left top			flanged

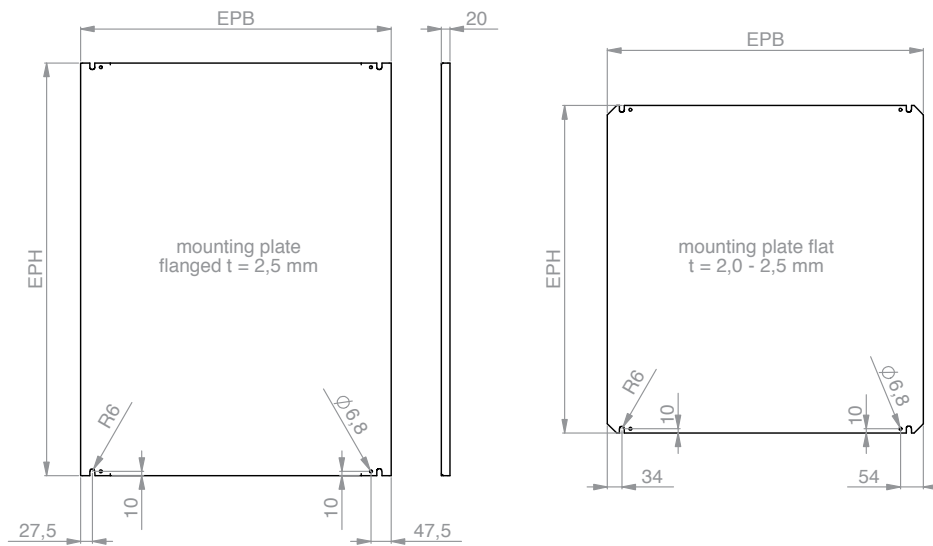
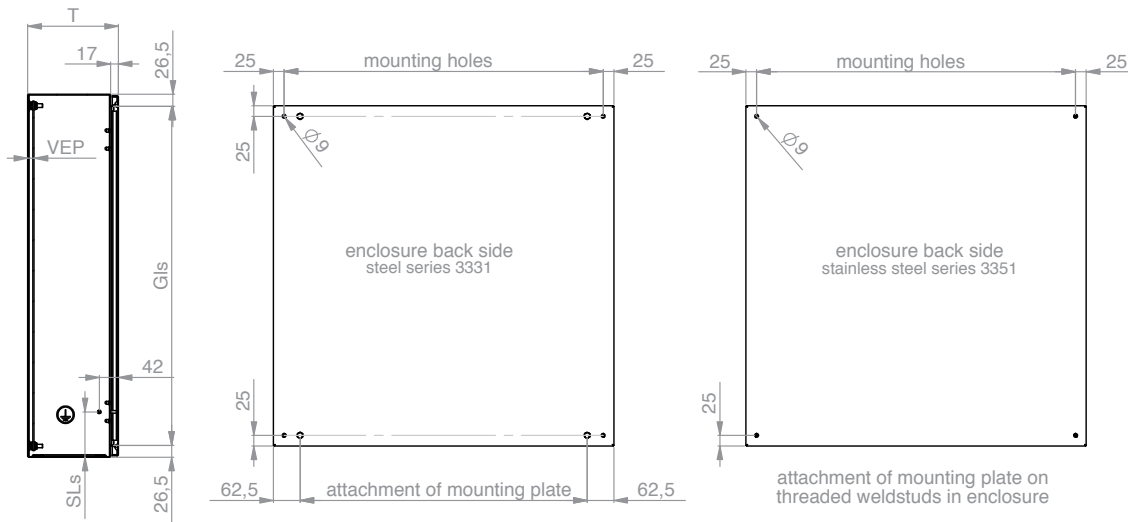
* = distance measured from outer edge of enclosure

View from below

Steel series 3331 without / with cable entry plate(s)
Stainless steel series 3351 without cable entry plate; bottom closed



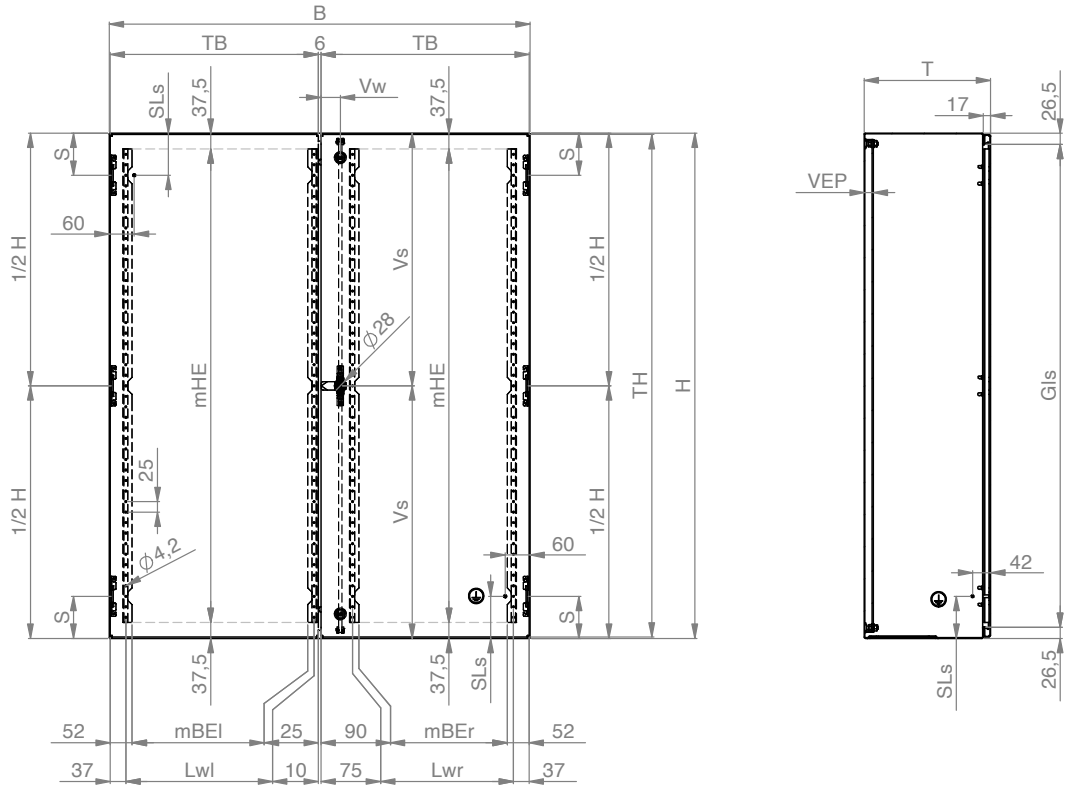
Drawing wall-mount enclosure series 33, single door



valid for steel series 3331

enclosure width	cable entry plate size 1 355 mm x 155 mm	cable entry plate size 2 555 mm x 155 mm	min. enclosure depth T
200 mm - 399 mm	—	—	—
400 mm - 599 mm	1	—	200 mm
600 mm - 799 mm	—	1	200 mm
800 mm - 1000 mm	2	—	200 mm

Breite (B) Höhe (H) Tiefe (T)
width (W) height (H) depth (D)

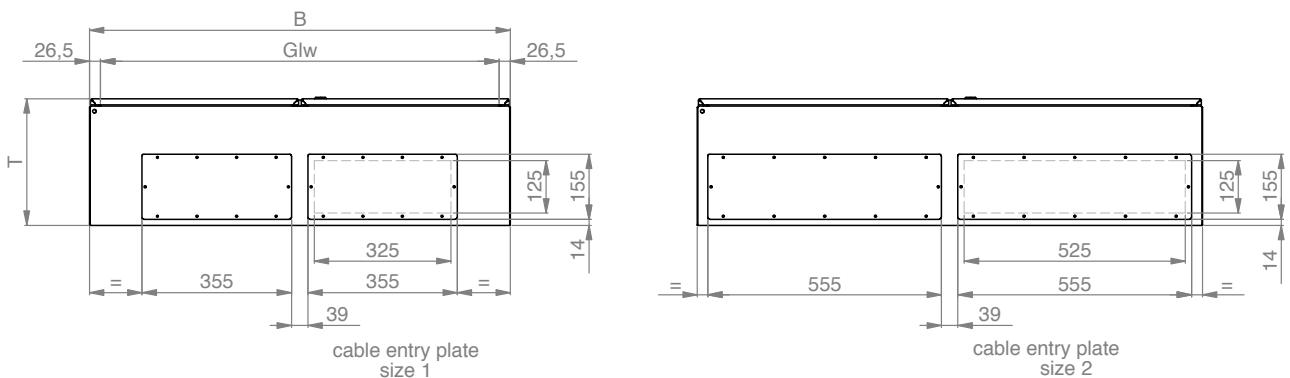


enclosure height	usable clearance vertically	usable clearance horizontally	door height	door width	quantity locks quantity locking points	distance to lock vertically	distance to lock horizontally	quantity hinges	distance to hinge	distance from rows horizontally overlapping door (left)	max. width for fixtures in the door overlapping door (left)	distance from rows horizontally overlapping door (right)	max. width for fixtures in the door overlapping door (right)	max. height for fixtures in the door
H	Gls	Glw	TH	TB		Vs*	Vw		S*	Lwl	mBEI	Lwr	mBEr	mHE
1000 mm - 1400 mm	H - 53 mm	B - 53 mm	H - 6 mm	$\frac{B - 11 \text{ mm}}{2}$	1 / 3	1/2 H	46 mm	3	100 mm	TB - 47 mm	TB - 77 mm	TB - 112 mm	TB - 142 mm	H - 75 mm

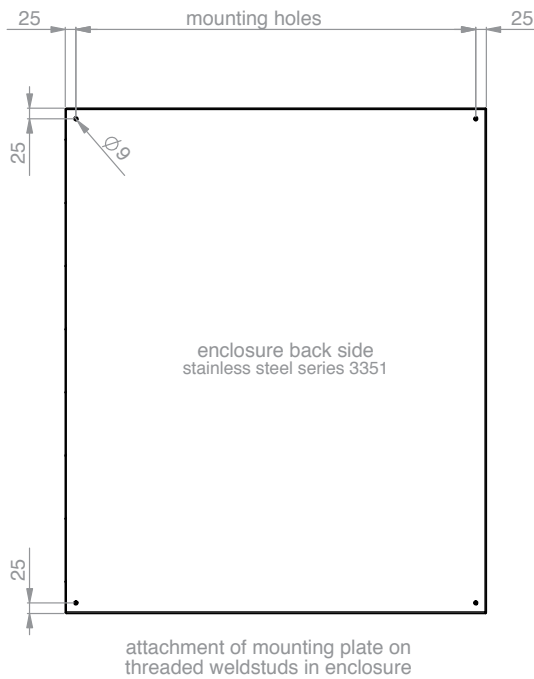
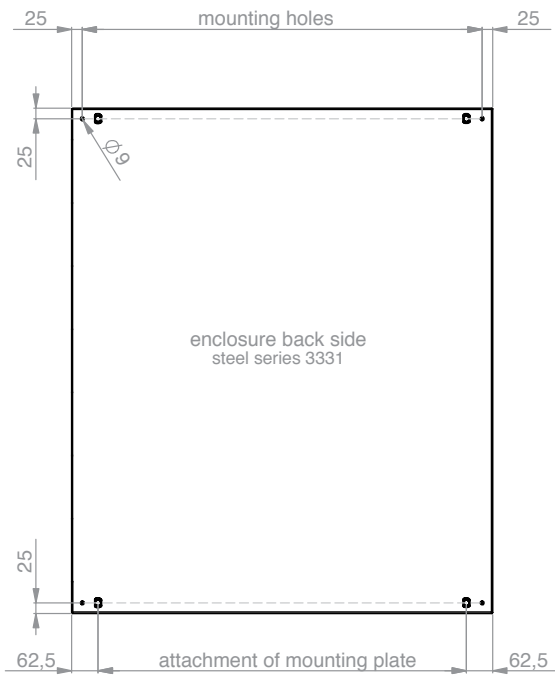
* = distance measured from outer edge of enclosure

View from below

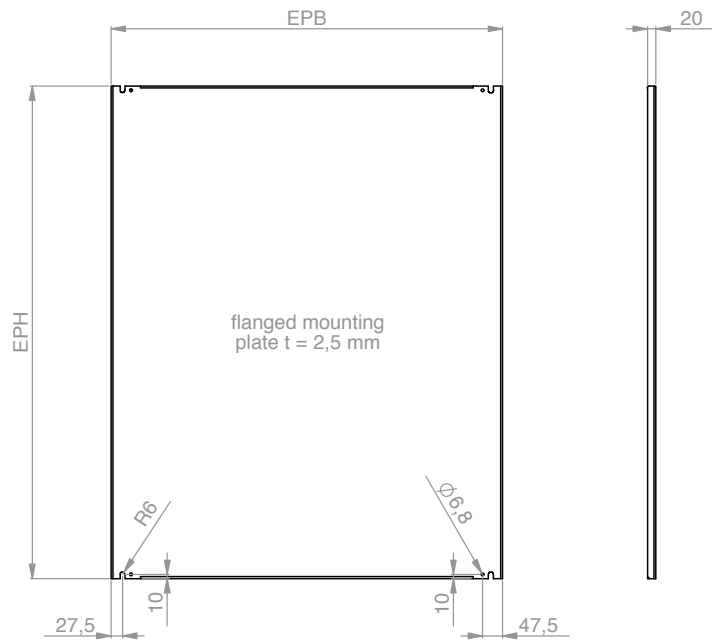
Steel series 3331 with cable entry plate(s)
Stainless steel series 3351 without cable entry plate; bottom closed



Drawing wall-mount enclosure series 33, double door

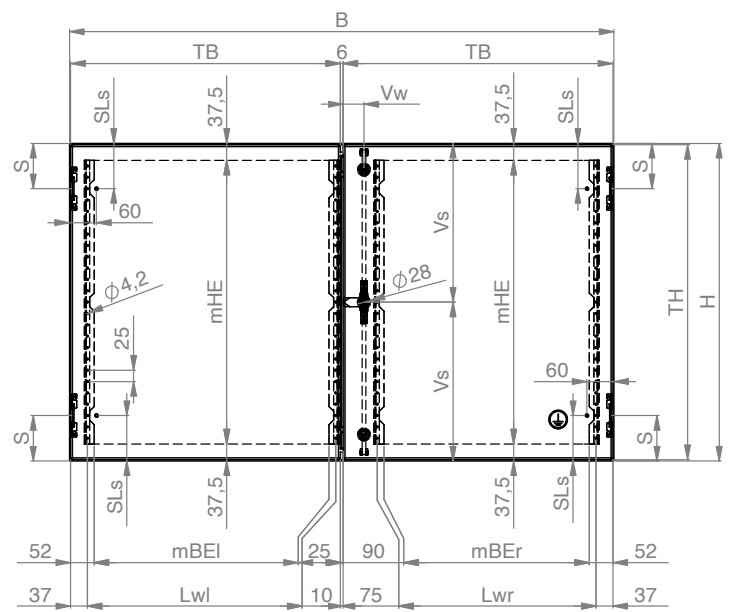
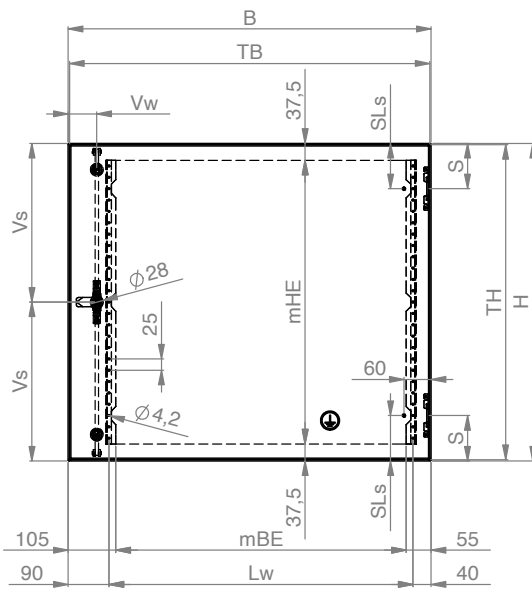


position of grounding stud vertically threadbolt M6x16	position of grounding stud in enclosure	mounting plate design	mounting plate height	mounting plate width	setting range of mounting plate
SLs*			EPH	EPB	VEP*
100 mm	1x right bottom 1x left top	flanged	H - 30 mm	B - 70 mm	22 - 24 mm



valid for steel series 3331			
enclosure width	cable entry plate size 1	cable entry plate size 2	min. enclosure depth T
B	355 mm x 155 mm	555 mm x 155 mm	
1000 mm - 1199 mm	2	1	200 mm
1200 mm	1	2	200 mm

Breite (B) Höhe (H) Tiefe (T)
width (W) height (H) depth (D)

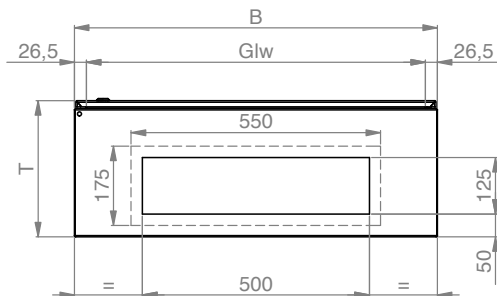


order number / dimensions	usable clearance vertically	usable clearance horizontally	number of doors	door height	door width	quantity locks	quantity locking points	distance to lock vertically	distance to lock horizontally	quantity hinges per door	distance to hinge	distance from rows horizontally	distance from rows horizontally overlapping door (left)	distance from rows horizontally overlapping door (right)	max. width for fixtures in the door	max. width for fixtures in the door underlapping door (left)	max. width for fixtures in the door underlapping door (right)	max. height for fixtures in the door
	GlS	GlW		TH	TB			Vs	Vw		S*	Lw*	Lwl	Lwr	mBE*	mBEI	mBEr	mHE*
3339-8070-30-17 B=800 H=700 T=300 mm	H - 53 mm	B - 53 mm	1	H - 6 mm	B - 6 mm	1 / 3	1/2 H	63 mm*	2	100 mm	B - 130 mm	TB - 47 mm	TB - 112 mm	B - 160 mm	TB - 77 mm	TB - 142 mm	H - 75 mm	
3339-8070-40-17 B=800 H=700 T=400 mm			1			1 / 3	1/2 H	63 mm*	2	100 mm								
3339-1070-40-17 B=1000 H=700 T=400 mm			1			1 / 3	1/2 H	63 mm*	2	100 mm								
3339-1270-40-17 B=1200 H=700 T=400 mm			2		1 / 3	1/2 H	46 mm	2	100 mm									
3339-1670-40-17 B=1600 H=700 T=400 mm			2		$\frac{B - 11 \text{ mm}}{2}$	1 / 3	1/2 H	46 mm	2	100 mm								

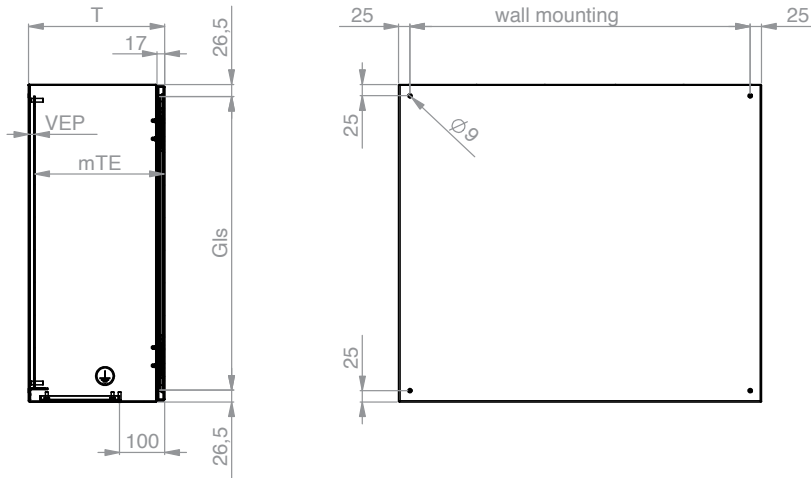
* = distance measured from outer edge of enclosure

View from below

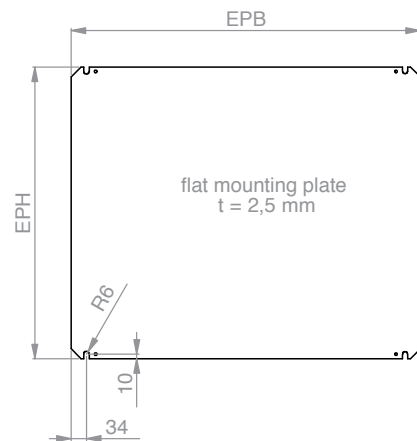
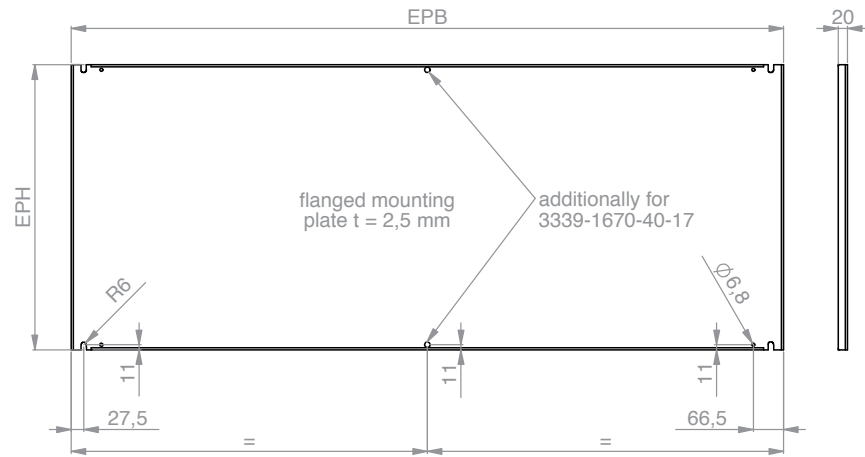
3339-8070-30-17
3339-8070-40-17
3339-1070-40-17



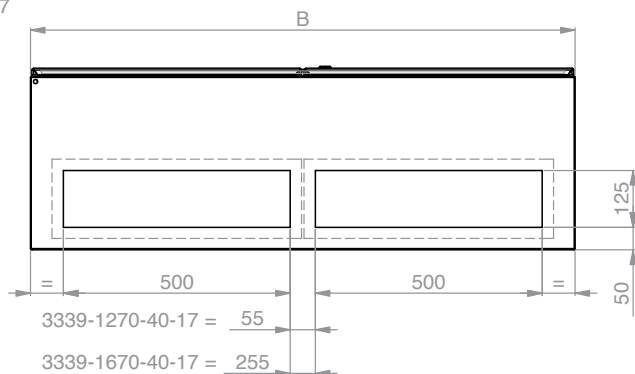
Drawing wall-mount enclosure landscape format



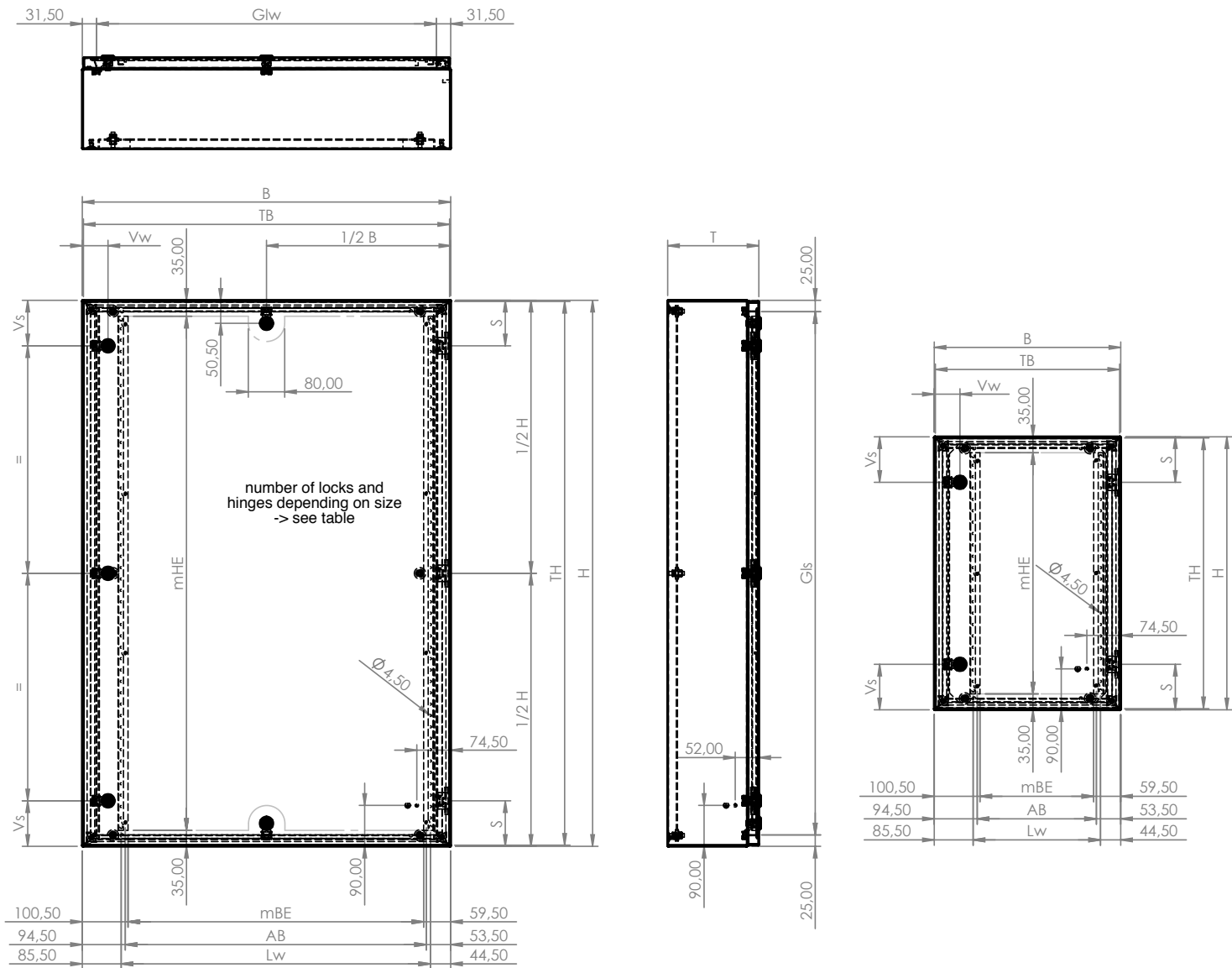
connection protective ground vertical threadbolt M6x16	position protective ground connection inside the enclosure	mounting plate design	mounting plate height	mounting plate width	setting range of mounting plate max. depth for installations inside the enclosure	Number of cable entry plates	
SLs*			EPH	EPB	VEP* mTE		
100 mm	enclosure ground 1x left, 1x right	flat	H - 57 mm	B - 30 mm	10-25 mm	1	
100 mm	enclosure ground 1x left, 1x right	flat	H		10-25 mm	T - 12 mm	1
100 mm	enclosure ground 1x left, 1x right	flanged	H - 72 mm	B - 30 mm	22-25 mm	1	
100 mm	enclosure ground 1x left, 1x right	flanged			22-25 mm	T - 24 mm	2
100 mm	enclosure ground 1x left, 1x right	flanged			22-25 mm	T	2



3339-1270-40-17
3339-1670-40-17

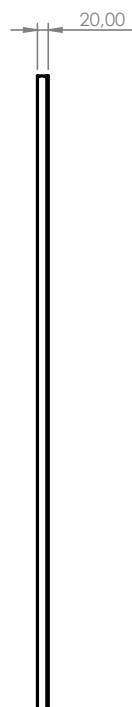
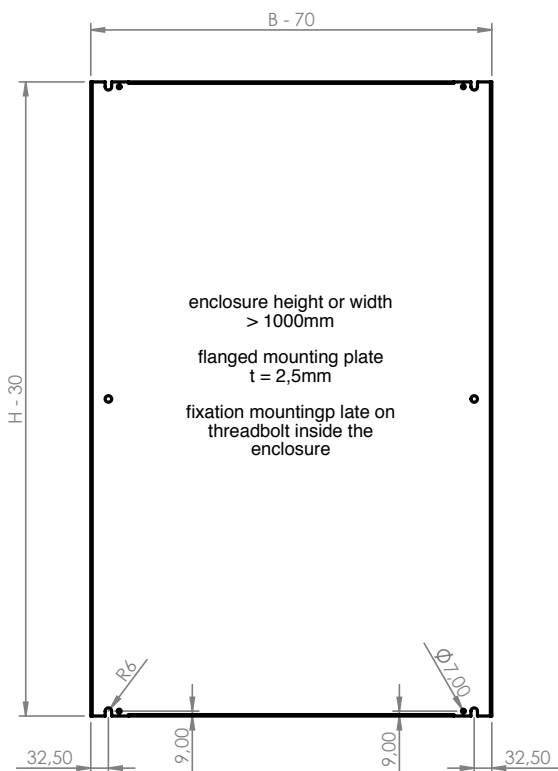
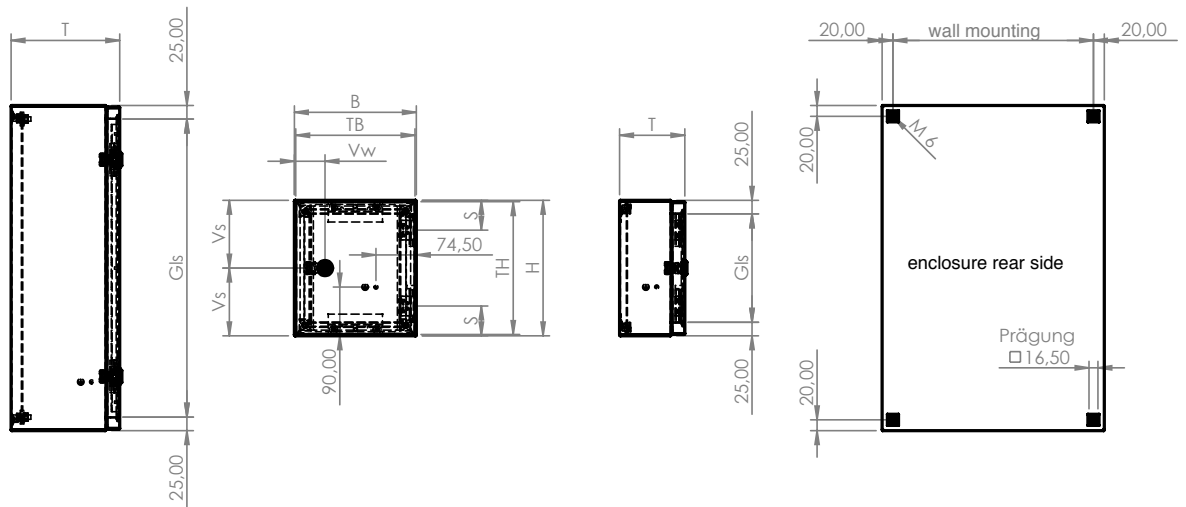


Breite (B) Höhe (H) Tiefe (T)
width (W) height (H) depth (D)



enclosure height	enclosure width	usable clearance vertically	usable clearance horizontally	door height	door width	quantity locks vertically	quantity locks horizontally top and bottom	distance to lock vertically	distance to lock horizontally	quantity hinges	distance between hinges	distance from rows horizontally	Bolt distance in the door (without door reinforcement brackets)	max. width for door installations (incl. door reinforcement brackets)	max. height for installation in door
H	B	Gls	Glw	TH	TB			Vs*	Vw*		S*	Lw**	AB	mBE**	mHE***
220 - 350	bis 425	H - 50 mm	B - 63 mm	H - 5 mm	B - 5 mm	1	-	1/2 H	56,5 mm	2	55 mm	B - 130 mm	B - 148 mm	B - 160 mm	H - 70 mm
	426 - 900						je 1								
	901 - 1300						je 2								
351 - 500	bis 425					2	75 mm	56,5 mm	2	55 mm					
	426 - 900						je 1								
	901 - 1300						je 2								
501 - 700	bis 425					2	100 mm	56,5 mm	2	100 mm					
	426 - 900						je 1								
	901 - 1300						je 2								
701 - 1200	bis 425					3	100 mm	56,5 mm	3	100 mm					
	426 - 900						je 1								
	901 - 1300						je 2								
1201 - 1700	bis 425					4	100 mm	56,5 mm	4	100 mm					
	426 - 900						je 1								
	901 - 1300						je 2								
1701 - 2200	bis 425	5	100 mm	56,5 mm	5	100 mm									
	426 - 900		je 1												
	901 - 1300		je 2												

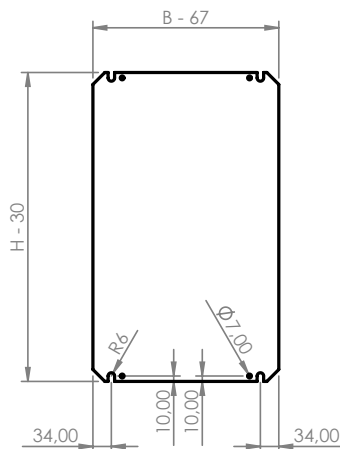
* - dimensions measured from from outer edge of enclosure ** - door reinforcement bracket not in scope of delivery *** - Please observe the upper / lower latch lock



enclosure depth > 200mm

flanged mounting plate
t = 2,5mm

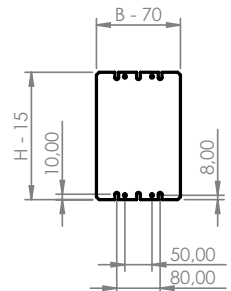
fixation mounting plate on
threadbolt inside the enclosure



enclosure depth < 200mm

flat mounting plate
t = 2,0mm

fixation mounting plate on
z-angle inside the enclosure



Breite (B) Höhe (H) Tiefe (T)
width (W) height (H) depth (D)



CABINET SYSTEMS



ENCLOSURES



X-FRAME



ACCESSORIES



In every area as individual as your requirements: the häwa range of products

häwa – definitely the best solution

We are your reliable partner for well-conceived cabinet and enclosure systems, smart IT-solutions, effective thermal components, modular machine racks, functional cable ducts and practical tools. In particular when individual and flexible solutions are needed.

From the conceptual and structural design to manufacture and logistics including a fast delivery and maintenance service, we

at häwa are your one-stop shop – your personal häwa consultant will always be there to assist you.

More than 400 committed staff members are available to find the best solution for your challenges and your budget.

The result: high-quality products which will meet or even exceed your expectations – today and tomorrow.



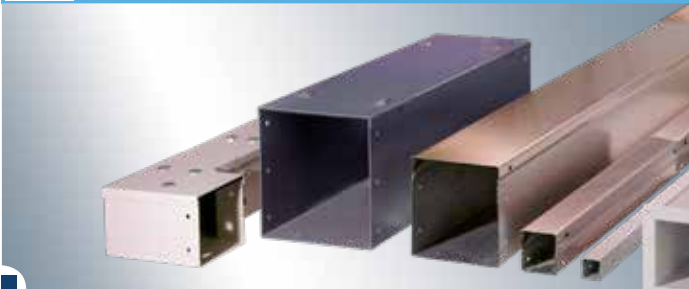
CLIMATE CONTROL



CUSTOM CONSTRUCTION



DUCTS, ACCESSORIES



TOOLS



Our way to develop unique solutions for you:

Customer-oriented

We listen to you, we make your issues part of our planning, we consult and support you: as your partner, we work closely together with you – this is how we find solutions tailored to your needs.

Personally

We at häwa, rely on personal contact – your personal häwa consultant is always there for you, brings your ideas to life and is dedicated to accompanying you on your way to your optimal solution.

Reliable

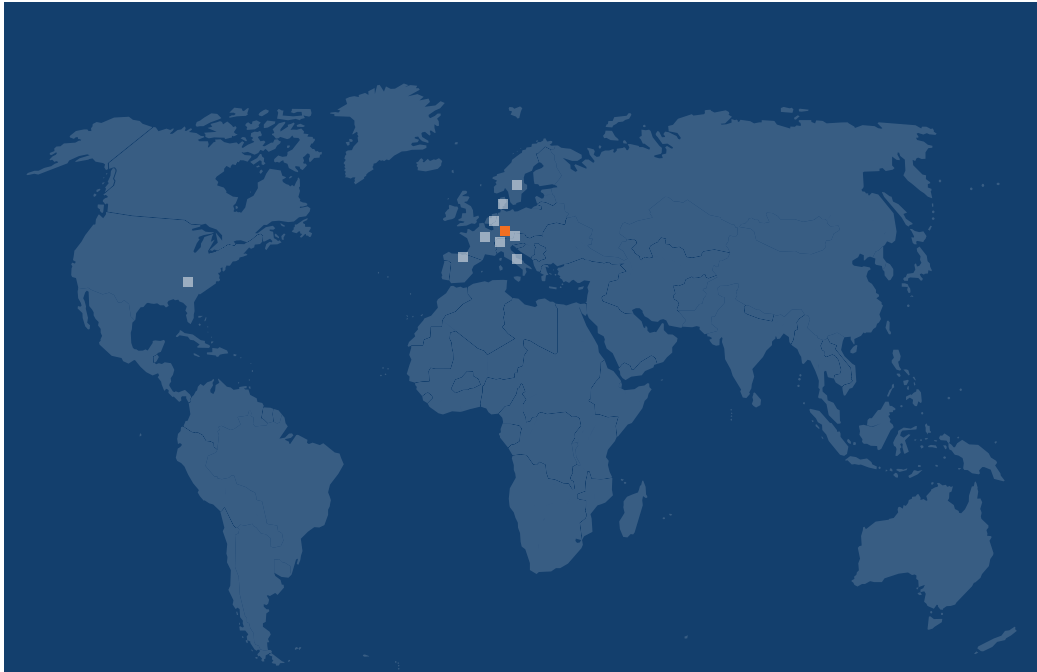
Go for a trustworthy partner, on which you can rely in any situation – especially when the safety of components is at stake, i.e. when functional reliability is key. Our motto at häwa is: We keep our promises. This is what it's all about.

High-quality

We at häwa, have very high standards to provide excellent quality as proven by the DIN EN ISO 9001 2008 certification. The same applies to our consultancy and the service we provide. We do not rely on what we have already achieved – we are always striving for more for your benefit.

Thinking ahead

We come up with surprising ideas tailored to your individual requirements and smart solutions that always meet or even exceed your expectations – today and tomorrow. There is only one goal to pursue for us: Finding the best possible solution for your challenges.



häwa GmbH
 Industriestraße 12
 D 88489 Wain
 Tel. +49 7353 98460
 info@haewa.de
 www.haewa.de

D 08451 Crimmitschau

Sachsenweg 3
 Tel. +49 3762 95271/2
 vertrieb.c@haewa.de

D 47167 Duisburg

Gewerbegebiet Neumühl
 Theodor-Heuss-Str. 128
 Tel. +49 203 346530
 vertrieb.d@haewa.de

D 63477 Maintal
 Dörnigheim

Carl-Zeiss-Straße 7
 Tel. +49 6181 493031
 vertrieb.rm@haewa.de

A 4020 Linz

Schmachtl GmbH
 Pummererstraße 36
 Tel. +43 732 76460
 office.linz@schmachtl.at

CH 8967 Widen

häwa (schweiz) ag
 Gyrenstrasse 5a
 Tel. +41 43 3662222
 info@haewa.ch

DK 6400 Sonderborg

Eegholm A/S
 Grundtvigs Allé 165 - 169
 Tel. +45 73 121212
 eegholm@eegholm.dk

E 48450 Etxebarri

Hawea Ibérica, s.l.
 Poligono Leguizamón
 Calle Guipuzcoa, Pab.9
 Tel. +34 944 269521
 hawea@ctv.es

F 67600 Sélestat

häwa France Sarl
 22, Rue Roswag
 Tel. +33 672 71 3309
 info@haewa.fr

I 88489 Wain

häwa Italia
 Industriestraße 12
 Tel. +49 7353 9846115
 info@haewa.it

NL 7548 CV Enschede

häwa Nederland B.V.
 De Plooy 6
 Tel. +31 53 4321835
 info@haewa.nl

SE 88489 Wain

häwa Schweden
 Industriestraße 12
 Tel. +49 7353 98460
 info@haewa.se

SE 19561 Arlandastad
 (only for tools)

Nelco Contact AB
 Dalens Gata 7
 Tel. +46 875 47040
 info@nelco.se

USA Duluth, GA 30097

haewa Corporation
 3768 Peachtree Crest Drive
 Tel. +1 770 9213272
 info@haewa.com



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