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## VX 8451.000

## Baying enclosure system VX25, stainless steel

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FRIEDHELM LOH GROUP



# VX 8451.000 - Baying enclosure system VX25, stainless steel Basic enclosure

The standard in enclosure manufacturing in high-grade stainless steel 1.4301 (AISI 304):  
Enclosure frame with two front doors, rear panel, mounting plate, roof plate, divided gland plates.  
Perfectly suited to efficient enclosure interior installation.



## Features

Model No.	VX 8451.000
Material	Enclosure frame: Stainless steel 1.4301 (AISI 304), 1.5 mm Roof: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed Door: Stainless steel 1.4301 (AISI 304), 2.0 mm, exterior brushed Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm Mounting plate: Sheet steel, 3.0 mm
Surface finish	Enclosure frame and gland plates: Uncoated Door, roof and rear panel: Exterior brushed, grain size 400 Mounting plate: Zinc-plated

# Features

Supply includes	Enclosure frame Door(s) Door hinged on the right, may be swapped to the left Roof plate Gland plates Rear panel Mounting plate Lock: 3 mm double-bit 2 punched rails 18 x 39 mm
Dimensions	Width: 1,200 mm Height: 2,000 mm Depth: 600 mm
Dimensions mounting plate (W x H)	1,099 mm x 1,896 mm
Protection category to IEC 60 529	IP 55
Protection category NEMA	NEMA 1 NEMA 12
Type rating to UL 50E	Type 1 Type 12
IK Code	IK10
Number of doors	2
Note	Due to the hardness of the material, we recommend using metal multi-tooth screws 2486.400 for the interior installation.
Basic material	Stainless steel 1.4301 (AISI 304)
Packs of	1 pc(s).
Net weight	175.25
Gross weight	191
EAN	4028177920200
ETIM 9	EC000261
ECLASS 8.0	27180101

# Approvals

Approvals	Bureau Veritas DNV-GL UL + C-UL (listed)
Certificates	Surface finish
Explanations	Declaration of conformity Declaration of conformity UK

## Tender text

Enclosure (baying system) double door

Housing:

symmetrical frame construction, consisting of closed an profiled hollow section with 25 mm pitch pattern.

Frame with integrated blind rivet nut M6 enables for protection class oriented fixing of fitting parts at the profile.

All sections have chamfered edges.

Horizontal sections have a protection lip above the seal.

Circumferential equal profiles with two mounting levels accessible from inside and outside of the frame for space-saving and fast interior installation.

The entire square perforation enables the use of cage nuts and metrical screws up to M8.

Welded base frame with integrated base reinforcement allows to fasten the enclosure on the underground through the inner side of the enclosure.

Mounted three-piece gland plate, removable and exchangeable.

Bayable on all sides.

Load capacity up to 15.000 N.

Door:

with foamed-in seal, with removable tubular door frame with holes on a 25 mm pitch pattern and integrated cable clamping.

Lockable door on the r/h side with 4-point

latch locking rod, double-bit insert to DIN 43668.

Adjacent door additionally locked at top and bottom with swing lever.

Hinges with captive hinge pins, door opening angle 130° tool-less retrofittable to 180°. Floor clearance 17 mm.

Rear panel and roof plate:

With foamed-in seal, removable. Rear panel and roof plate screw-fastened and removable. Rear panel with positioning aid. Roof with roof fastening screws M12.

Mounting plate:

C-folded on the sides, depth-adjustable via integral plastic sliders and with re-usable mounting rails, depth-adjustable in a 25 mm pitch pattern. Including mounting pattern for easy positioning of components.

Flat parts:

Roof, door and rear panel included in the scope of supply.

Side panels are available as separate accessory.

Rear panel, roof and gland plates are electrically conductive connected with the frame (automatic potential equalisation) to DIN 62 208 and prepared for the additional attachment of earthing straps.

QR Code:

Printed QR Code on roof, door, mounting plate, rear panel and type plate for unambiguous marking and for easy recall of relevant product information and documentation, as well as clear traceability of single parts.

Material:

Enclosure frame, rear panel, roof and gland plates: 1,5 mm Stainless steel 1.4301 (AISI 304)

Door: 2 mm stainless steel 1.4301 (AISI 304)

Mounting plate: 3 mm sheet steel

Surface Finish:

Enclosure frame and gland plates: uncoated

Door(s), roof and rear panel: exterior brushed, grain size 400

Mounting plate: zinc-plated

Protection category to IEC 60 529

(with mounted side panels): IP 55

Protection category to UL 508A: Type 1, 12

Impact protection to IEC 62 262: IK10

Dimensions (W x H x D): 1200x2000x600 mm