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## VX 8807.000

# Bayed enclosure system VX25

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FRIEDHELM LOH GROUP



# VX 8807.000 - Bayed enclosure system VX25 IP 66/ NEMA 4

Maximum protection category, suitable for global use – tested to the highest European and American standards: Enclosure frame with front door, rear panel, mounting plate, roof plate, base



## Features

|                 |   |
|-----------------|---|
| Model No.       | VX 8807.000   |
| Material        | Enclosure frame: Sheet steel, 1.5 mm<br>Roof: Sheet steel, 1.5 mm<br>Door: Sheet steel, 2.0 mm<br>Rear panel: Sheet steel, 1.5 mm<br>Gland plates: Sheet steel, 1.5 mm<br>Mounting plate: Sheet steel, 3.0 mm |
| Surface finish  | Enclosure frame, door, roof and rear panel: Dipcoat-primed and powder-coated, textured paint  |
| Colour          | RAL 7035  |
| Supply includes | Enclosure frame<br>Door<br>Door hinged on the right, may be swapped to the left<br>Roof plate<br>Base<br>Rear panel<br>Mounting plate<br>Lock: 3 mm double-bit<br>2 punched rails 18 x 39 mm                  |

# Features

|                                   |   |
|-----------------------------------|---|
| Dimensions                        | Width: 800 mm<br>Height: 2,000 mm<br>Depth: 600 mm  |
| Dimensions mounting plate (W x H) | 699 mm x 1,896 mm   |
| Protection category to IEC 60 529 | IP 66   |
| Protection category NEMA          | NEMA 1<br>NEMA 3R<br>NEMA 4<br>NEMA 12  |
| Type rating to UL 50E             | Type 1<br>Type 3R<br>Type 4<br>Type 12  |
| Packs of                          | 1 pc(s).  |
| Net weight                        | 130 kg  |
| Gross weight                      | 140.4 kg  |
| PCF per pack (cradle-to-gate)     | 344.9 kg CO2 eq (Cat B)   |
| Note on PCF category              | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared            |
| Customs tariff number             | 94032080  |
| ETIM 9                            | EC000261  |
| ECLASS 8.0                        | 27180101  |
| Product description               | VX Baying enclosure system IP66 / NEMA4, WHD: 800x2000x600 mm, sheet steel, with mounting plate, single door at the front |

# Approvals

|              |                           |
|--------------|---------------------------|
| Approvals    | DNV<br>UL + C-UL (listed) |
| Certificates | Surface finish            |

# Approvals

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Explanations

Declaration of conformity

Declaration of conformity UK

# Tender text

## 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.

4-point latch locking rod, double-bit insert to DIN 43668,

Door hinge may be swapped from right to left.

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

## Rear panel and roof panel:

With foamed-in seal, removable. Rear panel and roof plate screw-fastened and removable.

Rear panel with square tube frame with foamed-on PU foam seal. Rear wall and and roof panel screwed on and removable. Rear wall with square tube frame for additional reinforcement and positioning aid. Roof with roof fixing 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 conductively connected with the frame (automatic potential equalisation) to DIN 62 208 and prepared for the additional attachment of earthing straps.

Base plate:

One-piece base plate with gland plates, removable and replaceable, mounted, conductively connected to the frame (automatic potential equalisation) in accordance with DIN 62 208.

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,

Base plate: 1.5 mm sheet steel

Door: 2 mm sheet steel

Mounting plate: 3 mm sheet steel, zinc-plated

Surface finish:

Triple surface treatment for corrosion protection and resistance to mineral oils, lubricants, emulsions and solvents: nanoceramic coating, electrophoretic coating, electrophoresis dip primer, Exterior surfaces and base plate powder-coated in RAL 7035 texture.

Protection class to IEC 60 529 (with mounted side panels):

IP 66

Protection class to UL 508A: Type 1, 3R, 4, 12

Impact protection to IEC 62 262: IK10

Dimensions (W x H x D): 800x2000x600 mm