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## VX 8438.000

## Bayed enclosure system VX25

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FRIEDHELM LOH GROUP



# VX 8438.000 - Bayed enclosure system VX25 Electronic enclosure

Ideal for 482.6 mm (19") assemblies and 482.6 mm (19") slide-in equipment: With 482.6 mm (19") adaptor sections at the front, front frame, rear door, roof plate and divided gland plates.



## Features

|                |   |
|----------------|---|
| Model No.      | VX 8438.000   |
| Material       | Enclosure frame: Sheet steel, 1.5 mm<br>Roof: Sheet steel, 1.5 mm<br>Front frame: Extruded aluminium sections with die-cast corner pieces<br>Rear door: Sheet steel, 2.0 mm<br>Gland plates: Sheet steel, 1.5 mm<br>Adaptor sections, 482.6 mm (19"): Sheet steel, 2 mm |
| Surface finish | Enclosure frame: Dipcoat-primed<br>Roof and rear door: Dipcoat primed, powder-coated on the outside, textured paint<br>Front frame: Powder-coated<br>Gland plates: Zinc-plated  |
| Colour         | RAL 7035  |

# Features

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|                                    |   |
|------------------------------------|---|
| Supply includes                    | Enclosure frame<br>Front frame (r/h hinge, held on the left via magnetic snap fasteners)<br>Rear door (r/h hinge, may be swapped to opposite side)<br>Roof plate<br>Gland plates<br>Adaptor sections, 482.6 mm (19"), front |
| Dimensions                         | Width: 600 mm<br>Height: 2,000 mm<br>Depth: 800 mm  |
| Installation height for components | 42 U  |
| Packs of                           | 1 pc(s).  |
| Net weight                         | 67.7 kg   |
| Gross weight                       | 72.2 kg   |
| PCF per pack (cradle-to-gate)      | 177.9 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 Electronic enclosure, WHD: 600x2000x800 mm, sheet steel, with hinged front frame, with adaptor sections 19", single door at the rear   |

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# Approvals

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|              |                |
|--------------|----------------|
| Certificates | Surface finish |
|--------------|----------------|

# Tender text

Enclosure (baying system) Electronic Enclosures

#### 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.

#### Front frame:

with adapter profiles 19" (482.6 mm), hinged on the right, held on the left with magnetic catches.

Installation height for components: 42 U.

#### Sheet steel door, rear:

with foamed-in seal, with removable tubular door frame perforation in a 25 mm grid 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.

#### Roof panel:

With foamed-in seal, removable.

Roof with roof fixing screws M12.

#### Flat parts:

Roof, front frame, rear door, gland plates in the scope of supply

Side panels are available as separate accessory.

Roof and floor panels are electrically conductive connected to the frame (automatic potential equalisation)

to DIN 62 208 and  
prepared for the additional attachment of earthing straps.

QR code:

Printed QR code on the roof, rear door  
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, roof: 1.5 mm sheet steel

Front frame: Extruded aluminium profiles with  
zinc die-cast corner pieces

Rear door: 2 mm sheet steel

Floor panels: 1.5 mm, sheet steel

Adapter profiles 19": 2 mm, sheet steel

Surface finish:

Triple surface treatment for corrosion protection and resistance  
and resistance to mineral oils, lubricants,  
machining emulsions and solvents: nanoceramic coating,  
electrophoresis dip primer,

Roof and rear door powder-coated in RAL 7035 structure.

Front frame: powder-coated

Bottom panels: galvanised

Dimensions (W x H x D): 600x2000x800 mm; 42 U