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VX 8685.000

Bayed enclosure system VX25

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FRIEDHELM LOH GROUP

VX 8685.000 - Bayed enclosure system VX25 Basic enclosure

The standard in enclosure manufacturing: Enclosure frame with one front door, rear panel, mounting plate, roof plate, divided gland plates. Perfectly suited to efficient enclosure interior installation.





Features

Model No.	VX 8685.000
Material	Enclosure frame: Sheet steel, 1.5 mm Roof: Sheet steel, 1.5 mm Door: Sheet steel, 2.0 mm Rear panel: Sheet steel, 1.5 mm Gland plates: Sheet steel, 1.5 mm Mounting plate: Sheet steel, 3.0 mm
Surface finish	Enclosure frame: Dipcoat-primed Door, roof and rear panel: Dipcoat-primed, powder-coated on the outside, textured paint Mounting plate and gland plates: Zinc-plated
Colour	RAL 7035

Features

Supply includes	Enclosure frame Door(s) Door hinged on the right, may be swapped to the left Roof plate Rear panel Gland plates Mounting plate 2 punched rails 18 x 39 mm Lock: 3 mm double-bit
Dimensions	Width: 600 mm Height: 1,800 mm Depth: 500 mm
Dimensions mounting plate (W x H)	499 mm x 1,696 mm
Protection category to IEC 60 529	IP 55
Protection category NEMA	NEMA 1 NEMA 12
Type rating to 508A	Type 1 Type 12
IK Code	IK10
Number of doors	1
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	87.47 kg
Gross weight	90 kg
PCF per pack (cradle-to-gate)	259.69 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
ETIM 8	EC000261
ECLASS 8.0	27180101

Features

Product description	VX Baying enclosure system, WHD: 600x1800x500 mm, sheet steel, with mounting plate, single door at the front

Approvals

Approvals	Bureau Veritas DNV Lloyds Register UL + C-UL (listed)
Certificates	Surface finish
Explanations	Manufacturer's declaration Declaration of conformity PCF-declaration

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 exchangable.
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 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 and roof: 1.5 mm sheet steel
Door: 2 mm sheet steel
Mounting plate: 3 mm sheet steel, zinc-plated
Surface Finish:
Triple surface treatment ensures optimum protection
against corrosion and is resistant to mineral oils,
lubricants, machining emulsions and solvents:

nanoceramic coating,
electro-phoretic dipcoat-priming,
textured powder coating in RAL 7035 for outside surfaces.
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): 600x1800x500 mm