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VX 8840.120

Bayed enclosure system VX25

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FRIEDHELM LOH GROUP

VX 8840.120 - Bayed enclosure system VX25 Basic enclosure with glazed door

The VX basic enclosure with glazed door for industrial applications: Enclosure frame with glazed door at the front, rear door, roof plate, divided gland plates. Perfectly suited to efficient enclosure interior installation.





Features

Model No.	VX 8840.120
Material	Enclosure frame: Sheet steel, 1.5 mm Roof: Sheet steel, 1.5 mm Glazed door: Single-pane safety glass, 3 mm Rear door: Sheet steel, 2.0 mm Gland plates: Sheet steel, 1.5 mm
Surface finish	Enclosure frame: Dipcoat-primed Door, roof and rear panel: Dipcoat-primed, powder-coated on the outside, textured paint
Colour	RAL 7035
Supply includes	Enclosure frame Glazed aluminium door at the front (180°) Sheet steel door at the rear (130°) Lock front and rear: 3 mm double-bit Roof plate Gland plate

Features

Dimensions	Width: 600 mm Height: 2,000 mm Depth: 600 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	IK08
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	69.3 kg
Gross weight	71 kg
PCF per pack (cradle-to-gate)	174.9 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, WHD: 600x2000x600 mm, sheet steel, without mounting plate, glazed door at the front

Approvals

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

Tender text

Schaltschrank (Anreih-System) Basic Enclosure with Glazed 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.
Aluminum glazed door front:
with foamed-in seal,
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 180°.
Sheet steel door rear:
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°.
Roof Plate:
With foamed-in seal,
screw-fastened and removable.

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Roof with roof fastening screws M12.
Flat parts:
Roof, aluminum glazed door front, sheet steel door rear,
gland plaets included in scope of supply.
Side panels are available as separate accessory.
Rear door, 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, rear door and type plate
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
Glazed door: single-pane safety glass: 3 mm, aluminum
Rear door: 2 mm, sheet steel
Gland plates: 1,5 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.
Glazed door fron aluminum.
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: IK108
Dimension (W x H x D): 600x2000x600 mm

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