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SE 5850.680

VX SE free-standing enclosure system

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SE 5850.680 - VX SE free-standing enclosure system IP 66/NEMA 4X

Free-standing stainless steel enclosure with stable enclosure body, two integral mounting levels, screw-fastened rear panel and door. Roof and sides from a single piece with roll-formed frame. Fully compatible with the VX25 baying system. Efficiency is enhanced, as the side panels no longer need to be fitted. Increased protection thanks to IP 66 / NEMA 4X.





Features

Model No.	SE 5850.680
Material	Enclosure: 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 Mounting plate: Sheet steel, 3.0 mm Base: Stainless steel 1.4301 (AISI 304), 1.5 mm
Surface finish	Enclosure, rear panel and door: Brushed, grain size 400 Mounting plate: Zinc-plated Base: Uncoated

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Features

Supply includes	Enclosure, solid top and sides Door(s) Door hinged on the right, may be swapped to the left Rear panel, detachable Mounting plate Base, gland plate(s) Lock: 3 mm double-bit 2 punched rails 18 x 39 mm
Dimensions	Width: 600 mm Height: 1,600 mm Depth: 400 mm
Dimensions mounting plate (W x H)	499 mm x 1,496 mm
Protection category to IEC 60 529	IP 66
Protection category NEMA	NEMA 4X
Type rating to 508A	Type 1 Type 2 Type 3 Type 3X Type 3R Type 3RX Type 4 Type 4X Type 12
IK Code	IK10
Number of doors	1
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	92.4 kg
Gross weight	94.75 kg
PCF per pack (cradle-to-gate)	283.21
Customs tariff number	94032080

Features

ETIM 9	EC000261
ECLASS 8.0	27180101
Product description	VX SE Free-standing enclosure system, 600x1600x400 mm, Stainless Steel, 1.4301 / IP 66 / NEMA 4X, with mounting plate, single door at the front

Approvals

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

Tender text

Schaltschrank (Freestanding-Enclosure VX SE IP 66/NEMA 4X)

Control cabinet for individual installation in
self-supporting integral construction,
consisting of basic body, door,
rear panel and closed gland plate. Basic corpus made of
profiled side panels and roof. Housing profile with
system perforation in 25 mm DIN dimensional grid. Vertical
profiles, as well as front and rear roof frame profile
with two mounting levels for space-saving
interior installation. Rear panel screw-fixed,
Welded-in base assembly, consisting of floor frame
and bottom plate with screw-fixed gland plates,
Right hinged door.
Door:
with horizontal double foamed seal, with

removable square tube frame with perforation in
DIN dimension grid of 25 mm, locking-rod quadruple
locked, double-bit insert according to DIN 43668,
hinges right hinged, changeable, with
captive hinge pins, door opening angle 130°
according to VDI, retrofittable to 180°, automatic
potential equalization to the housing body.
Bottom plate:
One-piece base plate with gland plate,
removable and exchangeable, mounted,
automatic potential equalization to the housing body.
Rear panel:
with foamed seal, screwed, with square tube frame
for additional reinforcement, automatic
potential equalization to the housing body.
Mounting plate:
C-edged side, depth-adjustable in
25 mm grid via integrated plastic sliding pieces
and reusable mounting rails.
Including mounting grid for simple
positioning of components.
Material:
Housing body, door, rear panel,
Bottom plate: stainless steel 1.4301 (AISI 304)
Housing: 1.5 mm, brushed outside
Door: 2.0 mm, brushed outside
Back panel: 1.5 mm, brushed outside
Bottom plate: 3.0 mm, paint-free
Mounting plate: 3.0 mm, sheet steel
Surface:
Housing, door and rear panel: Brushed finish, grain 400
Bottom plate: paint-free
Mounting plate: galvanized
Protection class according to IEC 60 529: IP 66
Protection class according to UL 508A: Type 4X, 3R
Impact protection according to IEC 62 262: IK10
Dimensions (W x H x D): 600x1600x400 mm