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**SE 5854.600**

**VX SE free-standing enclosure  
system**

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FRIEDHELM LOH GROUP

# SE 5854.600 - VX SE free-standing enclosure system

## Stainless steel

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. Enclosure widths ranging from 600 to 1200 mm. Efficiency is enhanced, as the side panels no longer need to be fitted.



## Features

Model No.	SE 5854.600
Material	<p>Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed</p> <p>Door: Stainless steel 1.4301 (AISI 304), 2.0 mm, exterior brushed</p> <p>Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed</p> <p>Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm</p> <p>Mounting plate: Sheet steel, 3.0 mm</p>
Surface finish	<p>Enclosure, door and rear panel: Brushed, grain size 400</p> <p>Gland plates: Uncoated</p> <p>Mounting plate: Zinc-plated</p>

# Features

Supply includes	Enclosure, solid top and sides Door(s) R/h door hinge with single-door enclosures, may be swapped to opposite side Rear panel, detachable Mounting plate Gland plates Lock: 3 mm double-bit 2 punched rails 18 x 39 mm
Dimensions	Width: 1,000 mm Height: 1,800 mm Depth: 400 mm
Dimensions mounting plate (W x H)	899 mm x 1,696 mm
Protection category to IEC 60 529	IP 55
Protection category NEMA	NEMA 12
Type rating to UL 50E	Type 1 Type 2 Type 3 Type 3R 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	133
Gross weight	140.4
EAN	4028177959330
E-Number Sweden	E3465423
ETIM 9	EC000261

# Features

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ETIM 8 EC000261

ECLASS 8.0 27180101

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# Approvals

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Approvals UL + C-UL (listed)

Certificates Surface finish  
Protection category

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Explanations Declaration of conformity  
Declaration of conformity UK

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# Tender text

Enclosure (System Enclosure VX SE, stainless steel)

Control cabinet for individual installation in integral construction, consisting of basic body, door, rear panel and base assembly. Basic body made of profiled side walls 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 system expansion. Rear panel screwed, base assembly welded in, consisting of base frame and multiple divided, gland plates, door hinged on the right.

Door:  
with horizontal double foamed PU seal, with Removable tubular door frame with perforation in DIN dimension grid of 25 mm, quadruple locked double-bit insert according to DIN 43668, hinges right hinged, exchangeable, with captive hinge pins, door opening angle 130° according to VDI, retrofittable to 180°, automatic

potential equalisation to the housing body.

Gland plates:

3-part, removable and exchangeable,  
mounted, automatic potential equalisation for  
housing body.

Rear panel:

with foamed PU seal, screwed, automatic  
potential equalisation to the housing body.

Mounting plate:

C-edged at the sides, via integrated plastic gliders  
and mounting rails, depth adjustable in  
grid of 25 mm. Including mounting grid for simplification  
the positioning of components.

Material:

Body, door, rear panel,

gland plates: stainless steel 1.4301 (AISI 304)

enclosure: 1,5 mm

door: 2 mm

rear panel: 1,5 mm

gland plates: 1,5mm

mounting plate: 3 mm sheet steel

Surface finish:

enclosure, door and rear panel: brushed, grain size 400

gland plates: uncoated

mounting plate: zinc-plated

Protection class:

IP 55 according to IEC 60 529

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

Impact protection to IEC 62 262: IK10

Dimension (W x H x D): 1000x1800x400 mm