

Rittal – The System.

Faster – better – everywhere.



SE 5850.600

VX SE free-standing enclosure system

State: 11/05/2026 (Source: rittal.com/ro-ro)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SE 5850.600 - 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 5850.600 |
| 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 Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm Mounting plate: Sheet steel, 3.0 mm |
| Surface finish | Enclosure, door and rear panel: Brushed, grain size 400 Gland plates: Uncoated Mounting plate: Zinc-plated |

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: 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 55 |
| Protection category NEMA | NEMA 3R 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 | 86,7 kg |
| Gross weight | 87,6 kg |
| Customs tariff number | 94032080 |
| ETIM 9 | EC000261 |
| ETIM 8 | EC000261 |

Features

| | |
|------------|----------|
| ECLASS 8.0 | 27180101 |
|------------|----------|

| | |
|---------------------|--|
| Product description | VX SE Free-standing enclosure system, WHD: 600x1600x400 mm, Stainless Steel, 1.4301, 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

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): 600x1600x400 mm