

Rittal – The System.

Faster – better – everywhere.



SE 5850.600

VX SE free-standing enclosure system

State: 09.07.2026. (Source: rittal.com/hr-hr)

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
PCF per pack (cradle-to-gate)	273.84
Customs tariff number	94032080
ETIM 9	EC000261

Features

ETIM 8	EC000261
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