Rittal – The System.

Faster – better – everywhere.



SE 5851.600

VX SE free-standing enclosure system

State: 20/11/2026 (Source: www.rittal.com/com-en)

ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SE 5851.600 - 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 5851.600
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

© Rittal 2026

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: 1,800 mm Depth: 500 mm
Dimensions mounting plate (W x H)	499 mm x 1,696 mm
Protection category to IEC 60 529	IP 55
Protection category NEMA	NEMA 3R NEMA 12
Type rating to 508A	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	102.3 kg
Gross weight	103 kg
PCF per pack (cradle-to-gate)	320.05
Customs tariff number	94032080
ETIM 9	EC000261

Features

ETIM 8	EC000261
ECLASS 8.0	27180101
Product description	VX SE Free-standing enclosure system, WHD: 600x1800x500 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): 600x1800x500 mm

© Rittal 2026