Rittal – The System.

Faster – better – everywhere.



SE 5846.600

VX SE free-standing enclosure system

State: 18/11/2026 (Source: www.rittal.com/com-en)

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

FRIEDHELM LOH GROUP

SE 5846.600 - VX SE free-standing enclosure system

Free-standing sheet 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. System-compatible for configuration with VX25 accessories. Efficiency is enhanced, as the side panels no longer need to be fitted and large enclosure widths replace small bayed suites.







Features

Model No.	SE 5846.600
Material	Enclosure: Sheet steel 1.5 mm Door: Sheet steel, 2.0 mm Rear panel: Sheet steel, 1.5 mm Gland plates: Sheet steel, 1.5 mm Mounting plate: Sheet steel, 2.5 mm
Surface finish	Enclosure, door and rear panel: dipcoat-primed, powder-coated on the outside, textured paint Mounting plate and gland plates: Zinc-plated
Colour	RAL 7035

© 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 Mounting plate Gland plates Rear panel, detachable Lock: 3 mm double-bit 2 punched rails 18 x 39 mm Rear panel, two-piece
Dimensions	Width: 1,800 mm Height: 2,000 mm Depth: 500 mm
Dimensions mounting plate (W x H)	1,699 mm x 1,896 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	2
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	273 kg
Gross weight	282 kg
PCF per pack (cradle-to-gate)	730.94 kg CO2 eq (Cat B)
Note on PCF category	Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared
Customs tariff number	94032080

Features

ETIM 9	EC000261
ETIM 8	EC000261
ECLASS 8.0	27180101
Product description	VX SE Free-standing enclosure system, WHD: 1800x2000x500 mm, Sheet steel, with mounting plate, double 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, sheet steel)

Control cabinet for individual installation in
integral construction, consisting of basic body, doors,
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,
sliding floor panels, with lock and side door.
Doors:
overlapping doors with foamed PU foam seal,
with removable square tube frame with perforation in

DIN dimension grid of 25 mm, lock door right with
Bar lock with four-way locking,
Double-bit insert according to DIN 43668,
Side door additionally double-locked with swing lever
Hinges with screwed-on stops, door hinge
exchangeable, with captive hinge pins,
Door opening angle 130° can be retrofitted to 180° without tools,
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, rear panel, top, bottom panels: 1.5 mm sheet steel
door: 2 mm sheet steel
mounting plate: 3 mm sheet steel
Surface finish:
Triple surface treatment for corrosion protection
and resistance to mineral oils, lubricants,
Processing emulsions and solvents, nanoceramics
coating, electrophoresis dip primer,
outer surfaces powder coated in RAL 7035 texture.
Mounting plate and gland plates: galvanised
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): 1800x2000x500 mm

© Rittal 2026