# VX SE Floormount enclosure system

VX SE Floormount – the solution

Reap the benefits of the VX SE Floormount enclosure:

- North American only product
- Based on the rugged VX SE freestanding enclosure
- Manufactured in Germany on same VX SE production lines
- High protection category of IP 55 and UL Type 12/ 3R
- Internally fastened rear walls and solid base maintain secure seal and protects against unauthorized entry
- Includes full width drip shield for added protection
- Solid bottom plate with removable sealing plugs for easy installation of accessory leg kits
- 7 standard sizes to accommodate most floormount applications

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Flexible project planning of the VX SE floor mount enclosure system
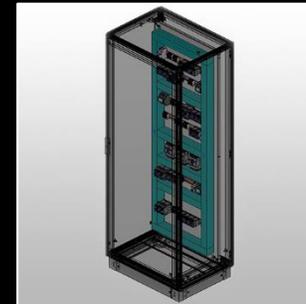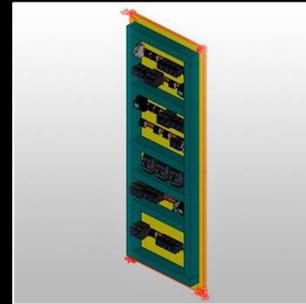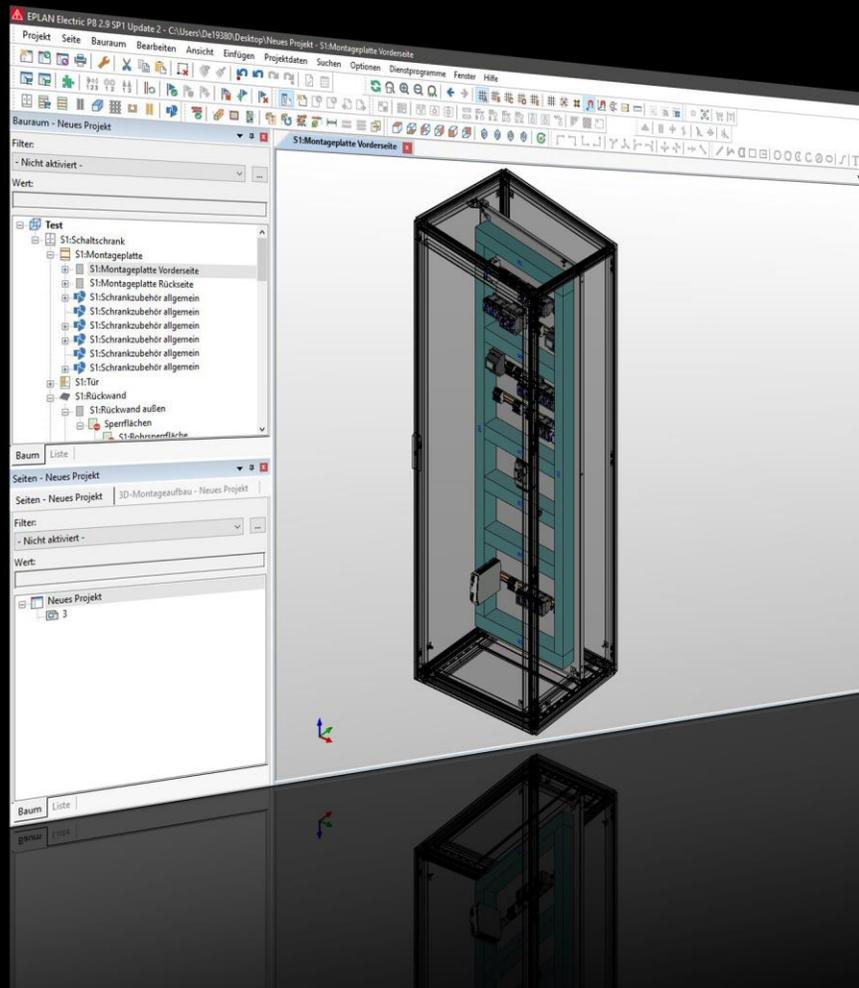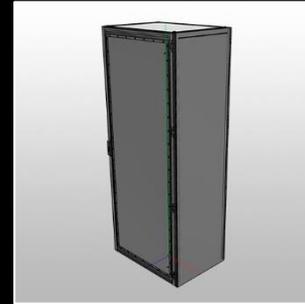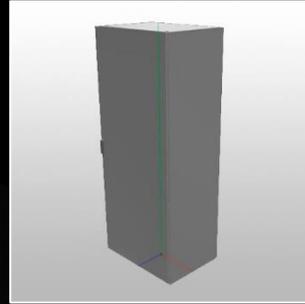

EPLAN Pro Panel
- An automated production process and virtual prototypes for the ultimate in planning efficiency

EPLAN Data Portal
- Seamless support with Rittal product data for interdisciplinary engineering in electrical and enclosure project planning
- Virtual product data model

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Save time with planning

CAD data
- Flexible data transfer into all standard CAD systems
- Validated data, accurate in every detail, for exceptional planning confidence
- Faster working; time-consuming post-modelling is eliminated
- 2D and 3D data available
- ecl@ss Advanced
- Technical documentation

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Smart construction for added stability
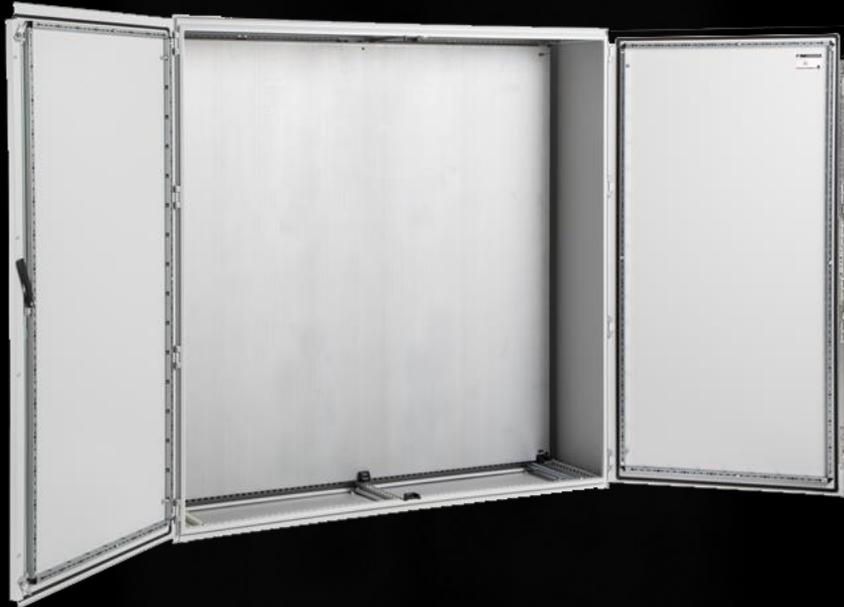
Outstanding stability and protection
- Body produced from a single piece for maximum stability and torsional rigidity
- Eliminating the gaps between the roof, side panel and frame helps to prevent dirt deposits
- Full enclosure width drip shield included
- Solid bottom plate with removable plugs for accessory leg kits
- High protection category up to IP 55/ UL Type 12/3R

Comprehensive quality testing

Consistent quality records

- Tested protection category up to IP 55/ UL Type 12/ 3R and NEMA 3R allow enclosures to be used even in extreme ambient conditions
- Compliant with international regulations - achieving UL and cUL Certification
- Comprehensive quality management and regular inspections by external test centers

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Series production quality

Optimum protection against corrosion

- The quality of spray-finishing matches that of the automotive industry
- Three phases for maximum quality:
  1st phase: Nanoceramic pre-treatment
  2nd phase: Electrophoretic dipcoat priming
  3rd phase: Textured powder coating
- Large-scale production for consistent high quality

Efficient, user-friendly assembly

Optimum attachment and positioning

- The mounting plate is reliably pre-attached and secured for one-person assembly with the clip mechanism
- The mounting plate is installed in the optimum position with depth adjustment on a 25 mm pitch pattern
- The pitch pattern printed on the mounting plate allows precise positioning of components without measuring

Compatibility for seamless integration

Easier configuration
- Compatible with TS 8 / VX25 accessories
- Identical engineering for the interior installation and identical assembly of installed components
- An extensive range of system accessories to accommodate individual requirements, such as punched sections and support rail systems
- Flexible interior installation on a 25 mm pitch pattern that accepts the VX adaptor rail

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Additional use of the door surfaces
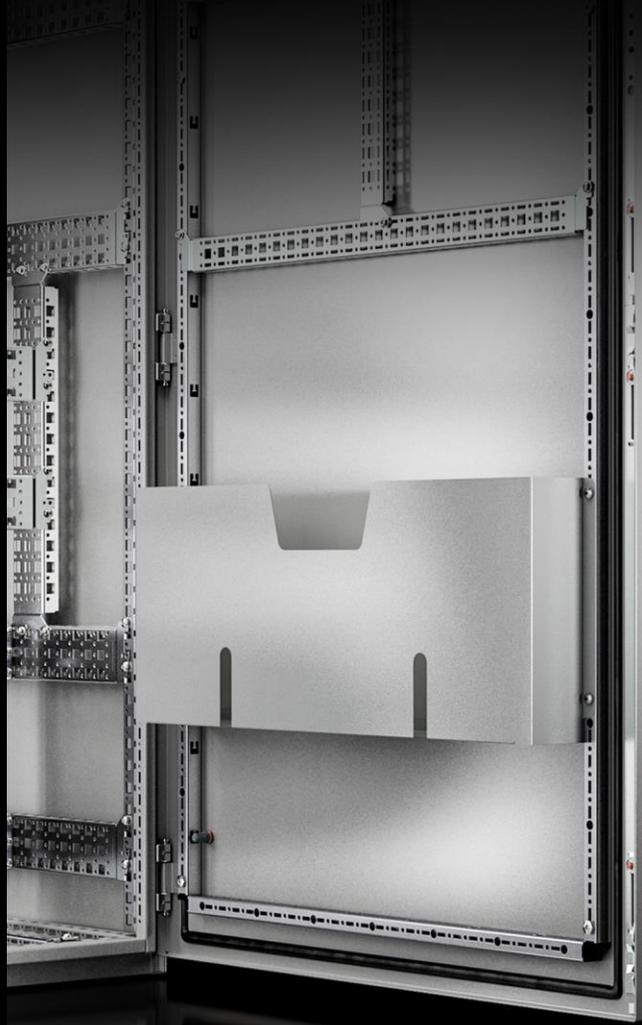
Flexible door installation
- Direct mounting of punched sections, door bars, wiring plan pockets and utility lecterns on the inside of the door
- Simple mounting of a door stay without additional machining to secure the door in the open position
- The door ride-up roller provides extra stability for heavy installed equipment

Electrical safety made easy

Safe for personnel and installed equipment
- No additional bonding/ earthing is required, because the side panels, roof and enclosure frame are conductively connected
- Automatic potential equalization from the rear panel to the enclosure as standard. When using Rittal climate control equipment and Rittal fan-and-filter units in the rear panel, no additional earthing is required
- Good EMC properties are realized due to the smart enclosure construction from one single piece

Direct integration of climate control and power distribution
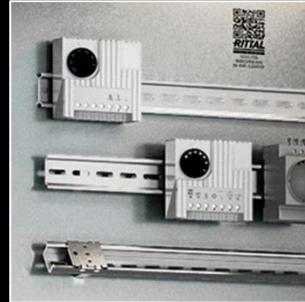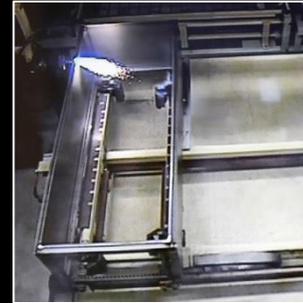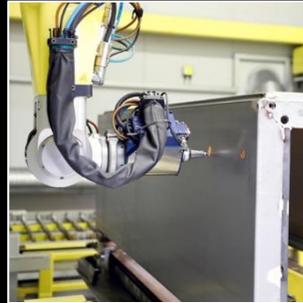

Climate control components
- Solutions to suit all ambient conditions
- High protection categories are retained

RiLine 60 busbar system
- Busbar system technology up to 1600 A
- Modular system for individual power distribution
- Simple device mounting and connection

Flexible manufacturing options

On-site machining
- VX SE free-standing and floormount enclosures can be machined on-site at the Rittal factory
- The flexible production process translates into enhanced efficiency: The engineering data generated can be used to order enclosures with cut-outs for cooling units, fan-and-filter units, gland plates and more
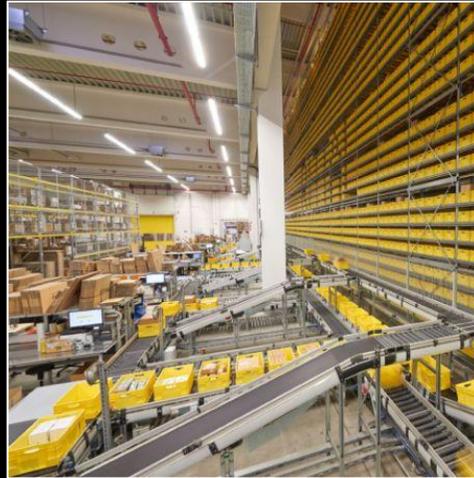
Practical solutions

Plant and machine engineering

With its high level of torsional rigidity, the VX SE is particularly well-suited to cope with dynamic loads and stresses when used with mobile lifting and operating equipment in a production plant or warehouse.


Retail and logistics

VX SE gives material handling and logistics design engineers the power to create customized warehouse automation framework that tackles their unique challenges. Rugged freestanding and floormount VX SE versions help keep thing up and running

Machine and panel builders

In today's increasing complex manufacturing space, machine builders and panel builders are challenged to accomplish more with less. VX SE can help meet these challenges by providing flexible and simple component mounting options via our large accessory portfolio.
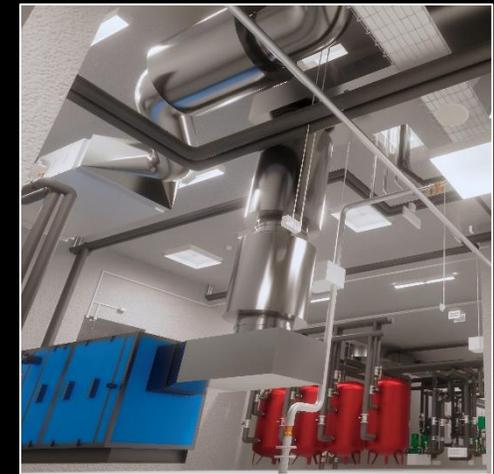
Building services (heating, climate control, ventilation)

Building space is With 300 mm depths, the VX SE is a tailor-made solution where space is limited. Accessories such as the 180° hinge and the door stay make it easy to keep escape routes clear.

VX SE free-standing enclosure system

The Solution

- Minimal ordering and assembly work, thanks to the solid side panels and roof
- High protection category up to IP 55 and UL Type 12/3R
- Internally fastened rear walls and solid base maintain secure seal and protects against unauthorized entry
- Accepts common VX SE and TS8 system accessories
- Includes full width drip shield for added protection
- Solid bottom plate with removable bottom plugs for easy installation of accessory leg kits
- 7 standard sizes to accommodate most floormount applications

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VX SE free-standing enclosure system

Portfolio – Carbon Steel
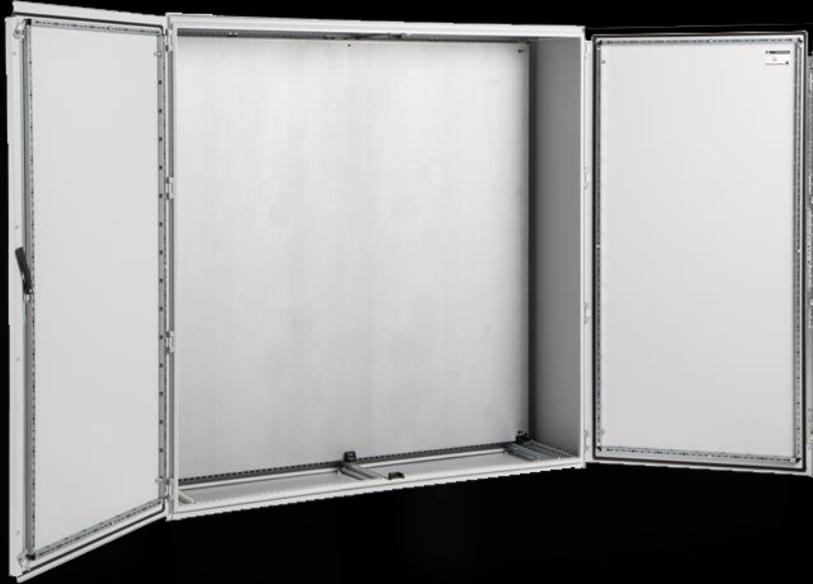
VX SE Floor Mount Part Number	Material	Height [mm]	Width [mm]	Depth [mm]	Initial Stock
5860600	CARBON STEEL	1600	1200	300	15
5861600	CARBON STEEL	1600	1200	400	25
5862600	CARBON STEEL	1600	1200	500	35
5863600	CARBON STEEL	1600	1600	400	20
5864600	CARBON STEEL	1800	1600	500	10
5866600	CARBON STEEL	1800	1800	400	15
5867600	CARBON STEEL	1800	1800	500	10

VX SE free-standing enclosure system

Floor Stand Kits

Floor Stand Part Number	Material	Description
9963546	CARBON STEEL	TS/ VX SE FM FLOOR STAND KIT - 300H for 300D
9963522	CARBON STEEL	TS/ VX SE FM FLOOR STAND KIT - 300H for 400D
9963523	CARBON STEEL	TS/ VX SE FM FLOOR STAND KIT - 300H for 500D

> VX SE Floor Mount enclosures ready to accept floor stand kits

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TSFM End-of-Life

Crossover and Phaseout

TSFM Part Number	Description	Height [mm]	Width [mm]	Depth [mm]	VX SE Floor Mount Crossover	Floor Stand Kit
8018795	TSFM634712NC	1600	1200	300	**5860600**	9963546
8018799	TSFM634716NC	1600	1200	400	**5861600**	9963522
8018803	TSFM634720NC	1600	1200	500	**5862600**	9963523
8018800	TSFM636316NC	1600	1600	400	**5863600**	9963522
8018804	TSFM716320NC	1800	1600	500	**5864600**	9963523
8018802	TSFM717116NC	1800	1800	400	**5866600**	9963522
8018792	TSFM717120NC	1800	1800	500	**5867600**	9963523
8018965	TSFM634720NCR	1600	1200	500	**5862600**	9963523
8018969	TSFM716320NCR	1800	1600	500	**5864600**	9963523
8018972	TSFM717124NCR	1800	1800	600	**5867600***	9963523

* Only 500mm deep

> TSFM Type 12 and Type 3R enclosures will be phased out in 2024

> TSFM Disconnect will remain in the portfolio short term (low sales item)

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VX SE free-standing and floormount enclosure system

Fast

+ Secure

+ Simple

+ Compatible

+ Versatile

= Your ideal solution

Thank you.