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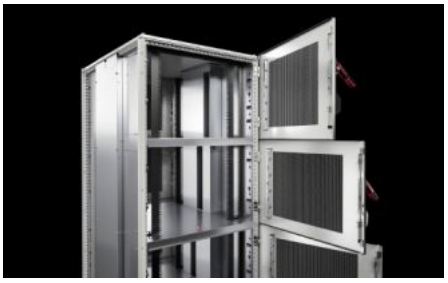
VX 5314.185

Compartment Rack VX IT

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VX 5314.185 - Compartment Rack VX IT divided into four, vented

VX IT rack with four independent installation compartments, providing for independent cable routing to each compartment, optionally from above or below, and vented sheet steel front and rear doors for each compartment.





Features

Model No.	VX 5314.185
Product description	Smart enclosure solution for the integration of different applications into a central, shared enclosure, for different user groups with separate access control. Physically fully independent installations with similarly independent cabling. Rack divided into 4 installation compartments, enabling individual configuration of each single compartment and secure accommodation of your IT infrastructure.
Benefits	Enclosure pre-configured with 482.6 mm (19") mounting angles at the front and rear of each compartment, adjustable individually and independently of each other Pre-configured 740 mm distance between mounting angles, individually adjustable Door hinges can be swapped from right to left Baying supported on all sides Air baffle plates integrated into the 19" mounting frame Max. door opening angle 130°, max. 115° in bayed suite
Technical specifications	Max. load capacity 250 kg per compartment
Material	Enclosure frame: Sheet steel, 1.5 mm Roof plate: Sheet steel, 1.5 mm Gland plate: Sheet steel, 1.0 mm Front and rear door: Sheet steel, 1.5 mm Mounting angles: Sheet steel, 2.5 mm

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Features

General colour	RAL 7035
Colour	Enclosure frame and panels: RAL 7035 19" mounting angles, hinges and handles spray-finished in RAL 9005
Supply includes	VX IT compartment rack, with four independent installation compartments Each compartment with 482.6 mm (19") mounting angles, front and rear, screwed to the integrated dividers on the left and right Gland plate divided in the centre, pre-configured across the entire rack depth 4 sheet steel doors, vented, front and rear Comfort handle for proifile half-cylinders with security lock 3524 E Including potential equalisation, prepared for the attachment of earthing straps Two 482.6 mm (19") mounting angles front and rear per compartment, depth-variable, front angles with all-round integrated air baffles 8 keys
Dimensions	Width: 800 mm Height: 2,200 mm Depth: 1,000 mm
Distance between levels as delivered	740 mm
Number front doors	4
Number back doors	4
482.6 mm (19") attachment	4 x 11 U Incl. 482.6 mm (19") mounting angles front and rear per compartment, adjustable individually and independently of each other
Design	Compartment Rack, 4 x 11 U
Roof design	One-piece roof plate, with cable entry on both sides in the centre part of the roof
Design doors	Door opening angle max. 130° Incl. 2-point locking rod
Rear door design	divided into four, vented

Features

Front door design	divided into four, vented
Mounting angle design	19" mounting angles in the VX IT Compartment Rack
Base design	Base frame with pull-out, two-part solid gland plate pre-assembled
482.6 mm (19") level(s) version	482.6 mm (19") level, front and rear 19" mounting level with universal mounting angles front and rear, depth-variable, 12.5 mm pitch pattern, screwed to the divider panels on the left and right, with integrated air baffle plates Air baffle plate with integral, vertical 1 U 482.6 mm (19") mounting cut-out on the right and left of each compartment, as additional interior installation space or for cable routing.
Mounting angles position	482.6 mm (19") level, front and rear
Note	Depending on how and where it is sited, the door opening angle may vary for selected applications
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	215 kg
Gross weight	231.6 kg
Customs tariff number	94032080
ETIM 9	EC002499
ECLASS 8.0	27180207
Product description	VX IT Compartment Rack, vented, 4 compartments, 4 x 11 U, WHD: 800x2200x1000 mm, enclosure frame and panels: RAL 7035, interior components: RAL 9005

Approvals

Certificates	Surface finish
Explanations	Manufacturer's declaration Declaration of conformity

Tender text

VX IT Compartment Rack
IT rack, with 4 independent installation compartments, installation height 4x11 U, vented sheet steel front and rear doors.
Rack frame:
Pre-assembled IT rack, comprising a torsionally rigid, welded and fully symmetrical frame of rolled, 9-fold closed hollow sections, with punching in a 25 mm pitch pattern. Frame with integrated M6 blind rivet nuts, to enable fittings to be mounted on the section without impairing the degree of protection. All section edges are chamfered. Horizontal sections with integrated channel above the PU foam seal as external protection for the seal. Same sections on all sides, with two mounting levels on each section, accessible from inside and outside, for fast and space-saving interior installation. Square holes on all sides to enable the use of cage nuts and metric screws up to thread M8.
Base:
Welded base frame with integrated reinforcement to enable direct bolting of the enclosure to the floor from inside. Closed base frame with pull-out, two-part solid gland plate pre-assembled.
Baying possible on all sides. Static load capacity up to 10,000 N, acc. to UL 2416.
Front and rear door:
4x one-piece vented sheet steel front and rear doors, with 85% ventilation openings, painted in RAL 7035. Doors reinforced with two additional, vertical hollow sections with integrated punching in a 25 mm pitch pattern and integrated hammer-head cut-outs for cable clamping. Each door possesses two hinges and a 1-point locking system. Door hinges can be swapped from right to left. Door opening angle 130° for stand-alone enclosures and with baying. All doors with comfort handle for semi-cylinder (30/10) mm, fitted with security lock 3524 E.
Roof plate:
One-piece roof plate, with cable entry on both sides via brush strips in the centre part of the roof.
Mounting levels:
Enclosure pre-configured with 482.6 mm (19") mounting level, front and rear, per compartment, adjustable individually and independently of each other.
Mounting levels comprising universal mounting angles for server, network and electronics applications, front and rear, depth-variable, 12.5 mm pitch pattern, screwed to the integrated dividers on the left and right.

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Air baffle plates already integrated into the 19" mounting angles.
Mounting angles front and rear, material thickness 2.5 mm, with additional pitch pattern in accordance with the standard EIA 310 E.
Scope of supply:
Pre-assembled enclosure, including assembly instructions and 8 door keys
Potential equalisation:
All panel parts with automatic potential equalisation or prepared for the attachment of earthing straps. Front and rear doors require additional earthing straps for connection to the rack frame.
19" mounting accessories are supplied loose within the scope of supply.
A potential equalisation kit is available as an accessory.
Cable duct:
Enclosure with integrated vertical cable ducts on both sides. Each cable duct comprises a number of fully separated cable routing channels corresponding to the number of compartments. Each compartment is thus assigned two protected cable routing channels within the cable ducts on either side, for cable routing between the compartment and the roof and base sections of the rack.
Side panels:
Side panels are not included in the scope of supply. Dividers already pre-assembled left and right within the scope of supply. No side panels or further dividers are actually necessary, though horizontally divided, lockable side panels or one-piece, screw-fastened side panels may be selected as optional accessories from the VX IT accessory range (e.g. end of a bayed suite).
Intermediate shelves:
The intermediate shelves incorporated as dividers between the compartments possess a load-bearing capacity of 100 N and can be used to set down tools, installation materials or documentation during installation.

Material:
Enclosure frame, roof: Sheet steel 1.5 mm
Dividers between the compartments: Sheet steel 1.25 mm
Gland plate: Sheet steel 1.0 mm
Front and rear door: Sheet steel 1.5 mm
482.6 mm (19") mounting angles: Sheet steel 2.5 mm

Surface finish (sheet steel):
Triple surface treatment for corrosion protection and resistance to mineral oils, lubricants, machining emulsions and solvents: Nanoceramic coating, electrophoretic dipcoat priming, textured powder coating in RAL

7035.

Protection category:
Protection category acc. to IEC 60 529 (with side panels mounted or in a sealed bayed suite): IP 00:
Protection category acc. to NEMA (with side panels mounted or in a sealed bayed suite): IP 00

Surface:
Frame and all panel parts painted in RAL 7035,
19" mounting system, hinges and handles painted in RAL 9005.

Approvals:
CE conformity
Dimensions: (WHD): 800x2200x1000 mm
Model no. VX IT 5314.185
Manufacturer: Rittal GmbH & Co. KG

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