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# VX 5313.175

# Compartment Rack VX IT

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# VX 5313.175 - Compartment Rack VX IT divided into two, vented

VX IT rack with two 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

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| Model No. | VX 5313.175 |
| 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 2 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<br>Pre-configured 740 mm distance between mounting angles, individually adjustable<br>Door hinges can be swapped from right to left<br>Baying supported on all sides<br>Air baffle plates integrated into the 19" mounting frame<br>Max. door opening angle 130°, max. 115° in bayed suite |
| Technical specifications | Max. load capacity 500 kg per compartment |

# Features

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| Material | Enclosure frame: Sheet steel, 1.5 mm<br>Roof plate: Sheet steel, 1.5 mm<br>Gland plate: Sheet steel, 1.0 mm<br>Front and rear door: Sheet steel, 1.5 mm<br>Mounting angles: Sheet steel, 2.5 mm |
| General colour | RAL 7035 |
| Colour | Enclosure frame and panels: RAL 7035<br>19" mounting angles, hinges and handles spray-finished in RAL 9005 |
| Supply includes | VX IT compartment rack, with two independent installation compartments<br>Each compartment with 482.6 mm (19") mounting angles, front and rear, screwed to the integrated dividers on the left and right<br>2 sheet steel doors, vented, front and rear<br>Gland plate divided in the centre, pre-configured across the entire rack depth<br>Comfort handle for proifile half-cylinders with security lock 3524 E<br>Including potential equalisation, prepared for the attachment of earthing straps<br>Two 482.6 mm (19") mounting angles front and rear per compartment, depth-variable, front angles with all-round integrated air baffles<br>4 keys |
| Dimensions | Width: 600 mm<br>Height: 2,200 mm<br>Depth: 1,000 mm |
| Distance between levels as delivered | 740 mm |
| Number front doors | 2 |
| Number back doors | 2 |
| 482.6 mm (19") attachment | 2 x 23 U<br>Incl. 482.6 mm (19") mounting angles front and rear per compartment, adjustable individually and independently of each other |
| Installation of PDU vertically in the rear area | Vertical PDU with IEC C20 connection (max. length of PDU 1000 mm), Model No. 7979.117/.118/.217/.317/.417 |

# Features

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| Design | Compartment Rack, 2 x 23 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°<br>Incl. 2-point locking rod |
| Rear door design | divided into two, vented |
| Front door design | divided into two, 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 | 2 x 23 U |
| Mounting angles position | 482.6 mm (19") level, front and rear |
| Load capacity | 1,000 kg |
| 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). |
| Customs tariff number | 94032080 |
| ETIM 9 | EC002499 |
| ETIM 8 | EC002499 |
| ECLASS 8.0 | 27180207 |
| Product description | VX IT Compartment Rack, vented, 19" mounting angles front and rear, 2 compartments, 2 x 23 U, WHD: 600x2200x1000 mm, enclosure frame and panels: RAL 7035, interior components: RAL 9005 |

# Approvals

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| Certificates | Surface finish |

# Approvals

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| Explanations | Manufacturer's declaration<br>Declaration of conformity |

# Tender text

VX IT Compartment Rack
IT rack, with 2 independent installation compartments, installation height 2x23 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:
2x one-piece vented sheet steel front and rear doors, with 85% ventilation openings, painted in RAL 7035. Doors reinforced with tubular door frame 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 2-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 4 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): 600x2200x1000 mm
Model no. VX IT 5313.175
Manufacturer: Rittal GmbH & Co. KG

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