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VX 5307.190

Network/server rack VX IT

State: 19/11/2026 (Source: www.rittal.com/com-en)

VX 5307.190 - Network/server rack VX IT with glazed door, IP 55, empty enclosure

VX IT, solid, for direct climate control tailored to the specific enclosure. Available without 482.6 mm (19") interior installation as an empty enclosure for individual configuration in a range of size variants, and with a protection category of up to IP 55.





Features

Model No.	VX 5307.190
Material	Sheet steel Aluminium Glazed door: Single-pane safety glass, 3 mm Front door: Aluminium, 1.25 mm Rear door: Sheet steel, 1.5 mm
Surface finish	Enclosure frame: Dipcoat-primed Rear door and roof: Dipcoat-primed, powder-coated Front door: Aluminium, anodised/spray-finished
General colour	RAL 7035
Colour	Enclosure frame, rear door and roof: RAL 7035 Front door: Vertical sections, silver coloured and horizontal sections, RAL 9005 Handle and hinges: RAL 9005

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Features

Supply includes	VX enclosure frame with doors and roof plate Glazed aluminium door at the front, 180° hinges Sheet steel rear door, solid, one-piece, 130° hinges Lock front and rear: Comfort handle for profile half-cylinders and security lock 3524 E Roof plate, one-piece, solid Base tray with gland plate, multi-piece, solid Baying seal and sealing kit for gland plates (supplied loose) 12 x 482.6 mm (19") fastener, 1 U, conductive (supplied loose) 25 multi-tooth screws, conductive (supplied loose) IPPC pallet
Dimensions	Width: 800 mm Height: 2,000 mm Depth: 800 mm
Units	42 U
Units	42 U
Roof design	one-piece, solid
Rear door design	Sheet steel door, solid, one-piece, 130° hinges
Front door design	Glazed aluminium door, solid, one-piece, 180° hinges
Mounting angle design	without
Base design	Base tray with gland plate, multi-piece, solid
Mounting angles position	without
Protection category to IEC 60 529	IP 55 only in conjunction with baying seal or screw-fastened side panels
IK Code	IK08
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	85.6 kg
Gross weight	95.6 kg
PCF per pack (cradle-to-gate)	235.5 kg CO2 eq (Cat B)

Features

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
ETIM 9	EC002499
ECLASS 8.0	27180207
Product description	VX IT, without 482.6 mm (19") interior installation, glazed door, WHD: 800 x 2000 x 800 mm, 42 U, IP 55

Approvals

Approvals	UL + C-UL (listed)
Certificates	Negative Certificate Surface finish Protection category
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity UK

Tender text

VX IT empty enclosure for individual configuration as network, server and electronics enclosure, IT rack for protected installation of components,
glazed door at the front, one-piece solid sheet steel door at the rear protection category (IP 55).
Rack frame:
IT rack with high protection category, without pre-configured 482.6 mm (19") interior installation, comprising a torsionally rigid, welded and fully symmetrical frame of rolled, 9-fold closed hollow profile, with punching in a 25 mm pitch pattern.
Frame with integrated M6 blind rivet nuts, to enable fittings to be mounted without impairing the degree of protection. All profile edges are chamfered. Horizontal sections with integrated channel above the PU foam seal as protection for the seal.
Same profile on all sides, with two mounting levels 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 M8.
Base:
Welded base frame with integrated reinforcement to enable direct boltin to the floor from inside the enclosure. Multi-part, solid gland plate, removable and exchangeable, fitted. Sealing kit for gland plates supplied loose, baying seal (IP 55) is part of baying kits.
Baying possible on all sides.
Front and rear door:
Glazed aluminium front door (IP 55) with 3 mm single-pane safety glass (ESG) held in a frame of aluminium sections, vertical sections silver-grey anodised, horizontal sections painted, RAL 9005.
Door with foamed-in seal, three hinges and four-point locking rod.
Door hinge can be swapped from right to left, hinge pins with integrate door opening angle 240° for stand-alone enclosures, 105° with baying.
One-piece, solid sheet steel rear door (IP 55), foamed-in PU seal.
Rear door with removable tubular door frame with integrated punching in a 25 mm pitch pattern and integrated hammer-head cut-outs for cable clamping, with four hinges and central four-point locking rod.
Door hinge can be swapped from right to left, hinge pins with integrate door opening angle 165° for stand-alone enclosures, 112° with baying.
Both doors with comfort handle for semi-cylinder (30/10) mm, with security lock 3524 E.

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Roof plate:
One-part, solid screw-fastened roof plate with all-round foamed-in PU seal. To support passive ventilation, the roof plate can be raised on spacer pillars, if required.
Mounting levels:
Empty enclosure for individual configuration, without pre-configured 482.6 mm (19") interior installation.
Supply includes:
Fixing accessories for 19" components comprising twelve 19" fasteners, U, contacting, and 25 hexagon socket screws, conductive, with washers for thread size M5.
Potential equalisation:
All panel parts with automatic potential equalisation or prepared for the attachment of earthing straps.
482.6 mm (19") assembly parts are supplied loose.
A potential equalisation kit is available as an accessory.
Side panels:
Side panels are not included in the scope of supply.
One-part screw-fastened variant (IP 55) as well as vertically divided, hinged variant (IP 20) available via the range of accessories.
QR code:
Printed QR codes on all panel parts, the roof, doors and rating plate provide for the unambiguous marking of individual components, simplify access to relevant product information and documentation, and ensure th full traceability of single parts.
Material:
Enclosure frame, roof: Sheet steel 1.5 mm
Rear door: Sheet steel 2.0 mm
Front door: Aluminium 1.5 mm, single-pane safety glass (ESG) 3.0 mm
482.6 mm (19") mounting angles:---
Surface finish (sheet steel):
Triple surface treatment for corrosion protection and resistance to mineral oil, lubricants, machining emulsions and solvents:
Nanoceramic coating, electrophoretic dipcoat priming, textured powder coating in RAL 7035/9005.
Protection classes:
Protection category according to IEC 60 529 (with mounted side panels o in a bayed suite with seals):
IP 55
Protection category according to NEMA (with mounted side panels or in a bayed suite with seals):
TYPE12

Surface finish:
Panel parts, doors, interior installation, painted in RAL 7035/9005
Aluminium front door, vertical, aluminium, silver-grey anodised
Aluminium front door, horizontal, aluminium, painted in RAL 9005
Approvals:
UL2416 NWIN (NFPA70, NFPA75)
IEC/EN 60950 (CB Certificate and Report)
IEC/EN 62368 (CB Certificate and Report)
Dimensions (WHD): 800x2000x800 mm
Earthing measures in accordance with the risk assessment
according to DIN EN 62368-1 are not required for VX IT cabinets,
therefore an earthing accessory is not included in the scope of deliver
For increased EMC requirements a potential equalization set can be
purchased via the accessories programme. (5302.027 and 5302.028)
Model No: VX IT 5307.190
Manufacturer: Rittal GmbH & Co. KG