TX 7888.100

Network rack TX CableNet

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TX 7888.100 - Network rack TX CableNet with vented door

Taking cable management to a new level: The TX CableNet unites many years of expertise in an IT rack which meets every requirement in terms of functionality and quality, prepared for individual interior installation.

Features

Model No.	TX 7888.100
Design	1st generation Vented with side panels
Benefits	New roof plate concept: When cabling, the depth is utilised in full, plus optional integration of a fan module Efficient frame concept for individual configuration Convenient access: Side panels and doors are easily fitted and removed for fast access to the inner rack area Vented doors support the installation of active and passive network components Interchangeable door hinge Comprehensive range of accessories for bespoke interior configuration
Material	Roof: Sheet steel, 1.5 mm Enclosure frame: Sheet steel, 1.5 mm Door: Sheet steel, 1.2 mm 482.6 mm (19") mounting angles: Sheet steel, 2 mm

Features

Surface finish	Enclosure frame: Dipcoat-primed Enclosure panels: Dipcoat-primed, powder-coated
Colour	RAL 7035
Supply includes	Rack with vented front door and rear door Enclosure frame with doors and roof plate Side panels, lockable, including security lock 3524 E Roof plate, welded, with waterfall concept for cable entry at the side, with a concealed cut-out for the fan module Two 482.6 mm (19") mounting angles, front and rear Sheet steel front door, vented, 130° hinges Sheet steel rear door, vented, one-piece, 130° hinges IPPC pallet
Dimensions	Width: 800 mm Height: 2,000 mm Depth: 1,000 mm
Units	42 U
Distance between levels as delivered	645 mm
Design	with side panels
Design doors	Vented
Load capacity	5000 N
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	125 kg
Gross weight	135 kg
Customs tariff number	94032080
ETIM 9	EC002499
ETIM 8	EC002499
ECLASS 8.0	27180207
Product description	Network Rack TX CableNet, 800x2000x1000 mm, 42 U, with side panels, RAL 7035

Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity
	Declaration of conformity UK

Tender text

IT rack, installation height 42 U, vented sheet steel door at the front, one-piece vented sheet steel door at the rear.

Rack frame:
IT rack, comprising a torsionally rigid, welded and symmetrical frame of rolled, 16-fold vertical sections connected with a horizontal frame at the bottom and horizontal cross rails with welded roof plate at the top.

All frame sections with integrated system punching in a 25 mm pitch pattern permit convenient interior installation through simple attaching and fastening of the installation components. All section edges are rounded. The vertical frame sections each possess two mounting levels offset in the depth and width directions, which can be used individually for flexible mounting of the components. Enclosures can be bayed to the front and rear, as well as to the sides.

Load capacity: up to 500 kg.

Base:
Open base frame, without gland plates, for optional individual configuration with base modules from the range of accessories.

Front and rear door:
One-piece vented sheet steel doors at front and rear, with 78% ventilation openings.
Both with two hinges.

Front and rear door with design handle and 2-point locking rod, security lock 3524 E, exchangeable for an AX comfort handle for optional integration of a profile half-cylinder. Door hinge side can be swapped, door opening angle 135° for stand-alone enclosures, 105° with baying. Door hinges with captive hinge pins.

Roof plate:
Multi-piece solid roof plate, comprising a welded centre piece and cable guide struts integrated without the need for tools at the outside.
With openings for cable entry over the full enclosure depth on both sides.
Roof plate centre piece and cable guide struts with rounded edges for

system-compliant cable entry taking into account the minimum bending radius.

For convenient cable entry, the cable guide struts can simply be removed without the need for tools and then clipped back into place when finished. The integrated bending radius avoids cable routing over sharp edges.

Cable entry options can be expanded with brush strips from the range of accessories.

Mounting levels:

Enclosure pre-configured with two 482.6 mm (19") mounting levels, front and rear.

The total static load capacity of both mounting levels is 500 kg.

Mounting levels comprising universal mounting angles, front and rear, depth-variable, 15 mm pitch pattern, screwed to depth stays of the enclosure frame at top and bottom.

Imperial mounting levels can be positioned either symmetrically or asymmetrically with an offset to each other. Alternative mounting dimensions for 21", 23" or 24" components can also be realised.

Mounting angles front and rear, material thickness 2.0 mm, with additional pitch pattern in accordance with the standard EIA 310 E. All height units are marked on the mounting angles and numbered in opposite directions. Height unit markings on both mounting levels can be read from both inside and outside for simplified component installation.

Front mounting angles prepared for tool-free mounting of cable routing aids and organisation of structured cabling with maximum packing density.

Rear mounting angles prepared on both sides for mounting of a Power Distribution Unit (PDU) in 1 U form factor for electrical power distribution in the enclosure, avoids occupying component installation space thanks to space-saving side mounting in the zero-U space between mounting level and side panel.

Side panels:

One-piece lockable side panels with integrated security lock 3524 E mounted on the enclosure.

Material:

Enclosure frame, roof: Sheet steel, 1.5 mm
Rear door: Sheet steel, 1.2 mm
Front door: Sheet steel, 1.2 mm
19" mounting angles: Sheet steel, 2.0 mm

Surface:
Panel parts and doors powder-coated in RAL 7035
Interior installations dipcoat-primed in RAL 9005

Approvals:
CE Declaration of Conformity
RoHS 3

Dimensions (WHD): 800x2000x1000 mm

Model no.: 7888.100

Manufacturer: Rittal GmbH & Co. KG