

Text for tenders

Item TS IT 5516.110

TS IT for room climate control

IT rack for room climate control. Installation height 47 U, vented aluminium/sheet steel front door, divided sheet steel door at the rear, multi-piece roof plate, open base frame, without side panels. With two 482.6 mm (19") mounting levels, front and rear. 482.6 mm (19") assembly parts and complete earthing kit are already included with the supply.

Side panels, one-piece screw-fastened, or two-piece with quick-release fastener, security lock and optional internal latch, for easy one-man assembly, available from the accessories range. Base mount, gland plates may be retrofitted.

Pre-configured IT rack consisting of torsionally stiff, welded symmetrical frame of rolled 16-fold vertical sections connected with two horizontal frames of rolled 9-fold sections with integral channel for accommodating the adjacent panel seal and protecting it against possible effect of aggressive media.

All frame sections, with integral system punchings on a 25 mm DIN pitch pattern, allow convenient interior installation by simple fitting and securing of equipment. All sections have chamfered edges. The vertical frame sections have two depth-recessed mounting levels each, that can individually be used for flexible attachment of the installation components.

Enclosures are bayable on all sides: on the left, right, front and rear, at the top or round corners.

Aluminium/sheet steel front door with a specific honeycomb perforation, vented surface area 85% perforated.

Framed in a frame of aluminium sections, with foamed-in seal, four-point locking rod, comfort handle for semi-cylinder (30/10) mm, with security lock 3524. Four hinges, with captive hinge pins, hinge opening angle with stand-alone siting 180°, door hinge may be swapped to opposite side without dismantling locking rods.

Sheet steel rear door, vented, vertically divided, for space-saving installation of the enclosures and easy access to the components. Specific honeycomb perforation, vented surface area 85% perforated. Doors with foamed-in seal. Main door with four-point locking rod, comfort handle for semi-cylinder (30/10) mm, with security lock 3524 E. Adjacent door with additional internal swing lever handle and two-point locking rod. Main and adjacent door with two hinges, hinges with captive hinge pins, hinge opening angle with stand-alone siting on both sides 180°.

Multi-piece roof plate for side cable entry via brush strips across the entire enclosure depth. Roof plate for retrofitting, removable despite already made cable routing. Cut-out for accommodating a fan module already integrated and closed by a cover. For supporting the passive ventilation it is possible to raise the cover by means of spacers.

Side panels are not included with the supply. One-piece screw-fastened or two-piece variant, with quick-release fastener including security lock and optional internal latch available from the accessories range.

Open base frame, gland plates, function units may be retrofitted from the range of accessories. All screw-fastened panels have automatic potential equalisation and are prepared for attachment of earthing straps.

With two 482.6 mm (19") mounting levels, front and rear.

The static total load capacity of both mounting levels is 15,000 N.

A mounting level consists of universal mounting angles for server, network and electronic applications, infinitely depth-variable attached to depth stays.

The attachment of the mounting angles is flexible, toolless, via quick release fastener or screw-fastened as an alternative.

Mounting angles, front and rear, including additional pitch pattern of holes according to standard EIA 310 E.

All height units are labelled and numbered in the opposite direction. U labelling of both mounting levels can be read from the front for easy one-man assembly.

All depth stays with integral pitch pattern for fast determination of the mounting distance and the remaining front free space (clearance).

Front mounting angles, prepared for toolless accommodation of cable routing aids and organisation of a structured cabling in maximum packaging density or for equipment with a sensor strip for automatic identification of the installed components by means of Radio Frequency Identification (RFID).

Rear mounting angles prepared for both-sided accommodation of a Power Distribution Unit (PDU) in 1 U form factor for enclosure electrification, without waste of installation volume thanks to space-saving side mounting between mounting level and side panel in the Zero-U space.

Material: Sheet steel, aluminium

Surface finish: Panels, doors, spray-finished in RAL 7035
Interior installation, primer, RAL 9005

Approvals: UL, CUL

Dimensions (WxHxD): 800x2200x1200 mm

Model No.: TS-IT 5516.110

Manufacturer: Rittal GmbH & Co. KG