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DK 5503.790

Network/server enclosure TS IT

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FRIEDHELM LOH GROUP



DK 5503.790 - Network/server enclosure TS IT with glazed door, IP 55, empty enclosure

TS IT, sealed, for direct enclosure-specific climate control. 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. | DK 5503.790 |
| Material | Sheet steel Aluminium |
| Surface finish | Enclosure frame: Dipcoat-primed Interior installation: Dipcoat-primed Doors and roof: Dipcoat-primed, powder-coated |
| General colour | RAL 7035 |
| Colour | Enclosure frame and panels: RAL 7035 |
| Supply includes | TS 8 enclosure frame with doors and roof plate Glazed aluminium door at the front (180°) Sheet steel door at the rear, 180° 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) Connection accessories for potential equalisation with earthing point (supplied loose) 12 x 482.6 mm (19") fastener, 1 U, conductive (supplied loose) 50 multi-tooth screws, conductive (supplied loose) IPPC pallet |
| Dimensions | Width: 800 mm Height: 1,200 mm Depth: 800 mm |
| Design doors | Sealed, IP 55 |
| 482.6 mm (19") level(s) version | Without 482.6 mm (19") interior installation |

Features

| | |
|-----------------------------------|--|
| Protection category to IEC 60 529 | IP 55 only in conjunction with baying seal or screw-fastened side panels |
| Note | Depending on how and where it is sited, the door opening angle may vary for selected applications For enclosures with height and depth 2000 x 1200 mm / 2200 x 1000 mm / 2200 x 1200 mm, the matching side panels are optionally available and are supplied fitted to the enclosure |
| Basic material | Aluminium |
| Packs of | 1 pc(s). |
| Net weight | 72 |
| Gross weight | 75.8 |
| EAN | 4028177702820 |
| E-Number Sweden | E7239934 |
| ETIM 9 | EC002499 |
| ECLASS 8.0 | 27180207 |

Approvals

| | |
|--------------|---------------------------------------|
| Approvals | UL + C-UL (listed) |
| Certificates | Surface finish Protection category |
| Explanations | Declaration of conformity |

Tender text

TS IT 5503.790

TS IT network server enclosure

for protected siting of components - protection category (IP 55)

IT rack with increased protection category, glazed door at the front, one-part solid sheet steel door at the rear. Empty enclosure without interior installation.

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 side 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/width - recessed mounting levels each, which 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.

Glazed front door with viewing panel made from 3 mm single-pane safety glass (ESG), framed in a frame of aluminium sections, with foamed-in seal,

Sheet steel door, one-part, solid (IP 55) for protected siting of components against any poor ambient conditions.

Doors with foamed-in seal, four-point locking rod, comfort handle for semi-cylinder (30/10) mm, with security lock 3524 E. Hinges, with captive hinge pins, hinge opening angle with stand-alone siting on both sides 180°. Door hinging may be swapped from right to left without dismantling locking rods.

One-part solid screw-fastened roof plate with all-round foamed-in seal. For supporting the passive ventilation it is possible to raise the roof plate

optionally by means of spacers.

Base frame with base tray and multi-piece solid gland plate. Sealing kit for gland plates and baying seal (IP 55) supplied loose.

Pre-configured with two punched sections without mounting flange on the inner mounting level, in the enclosure depth, as shipping brace or as a basis for further population.

All panels have automatic potential equalisation and are prepared for attachment of earthing straps.

482. 6 mm (19") assembly parts and connection accessories for potential equalisation supplied loose.

Side panels are not included with the supply.

One-part screw-fastened variant (IP 55), available from the accessories range or as complete delivery (enclosure incl. screw-fastened side panels).

Material: Sheet steel, aluminium

Surface finish: Panels, doors, RAL 7035

Approvals: IP 55 to IEC 60529

Dimensions (WxHxD): 800x1200x800 mm

Model No.: TS IT 5503.790

Manufacturer: Rittal GmbH & Co. KG