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# DK 5531.790

# Network/server enclosure TS IT

State: 12.12.2025. (Source: rittal.com/hr-hr)

ENCLOSURES POWER DISTRIBUTION CLIMATE CONTROL IT INFRASTRUCTURE SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# DK 5531.790 - 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

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|---|---|
| Model No. | DK 5531.790 |
| Material | Sheet steel<br>Aluminium |
| Surface finish | Enclosure frame: Dipcoat-primed<br>Interior installation: Dipcoat-primed<br>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<br>Glazed aluminium door at the front (180°)<br>Sheet steel door at the rear, 180° hinges<br>Lock front and rear: Comfort handle for profile half-cylinders and security lock 3524 E<br>Roof plate, one-piece, solid<br>Base tray with gland plate, multi-piece, solid<br>Baying seal and sealing kit for gland plates (supplied loose)<br>Connection accessories for potential equalisation with earthing point (supplied loose)<br>12 x 482.6 mm (19") fastener, 1 U, conductive (supplied loose)<br>50 multi-tooth screws, conductive (supplied loose)<br>IPPC pallet |
| Dimensions | Width: 600 mm<br>Height: 2,200 mm<br>Depth: 800 mm |
| Design doors | Sealed, IP 55 |
| 482.6 mm (19") level(s) version | Without 482.6 mm (19") interior installation |

# Features

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| 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<br>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 | 86.8 |
| Gross weight | 91.4 |
| EAN | 4028177703872 |
| E-Number Sweden | E7239947 |
| ETIM 9 | EC002499 |
| ECLASS 8.0 | 27180207 |

# Approvals

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

# Tender text

TS IT 5531.790
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 complete earthing kit supplied loose.
Supply includes earthing kit and central earth connection.
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): 600x2200x800 mm
Model No.: TS IT 5531.790
Manufacturer: Rittal GmbH & Co. KG