

# Rittal – The System.

Faster – better – everywhere.



## DK 5503.790

## Network/server enclosure TS IT

State: 08/06/2026 (Source: [rittal.com/uae-en](http://rittal.com/uae-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

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 kg
Gross weight	75.8 kg
Customs tariff number	94032080
ETIM 9	EC002499
ECLASS 8.0	27180207
Product description	TS IT, without 482.6 mm (19") interior installation, glazed door, WHD: 800 x 1200 x 800 mm, 24 U, IP 55

# 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