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## DK 5509.130

## Network/server enclosure TS IT

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CLIMATE CONTROL

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 5509.130 - Network/server enclosure TS IT with glazed door, IP 55, with 482.6 mm (19") mounting angles

TS IT, sealed, for direct enclosure-specific climate control. 482.6 mm (19") interior installation with depth-variable 482.6 mm (19") mounting angles for a load capacity of up to 1,500 kg, available in a range of size variants and with a protection category of up to IP 55.

## Features

Model No.	DK 5509.130
Product description	TS IT, glazed door, solid rear door, IP 55, 482.6 mm (19") mounting frame
Material	Sheet steel Glazed aluminium door with 3 mm single-pane safety glass
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 Interior installation: RAL 9005
Supply includes	TS 8 enclosure frame with doors and roof plate 12 x 482.6 mm (19") fastener, 1 U, conductive (supplied loose) 50 multi-tooth screws, conductive (supplied loose) Glazed aluminium door at the front, 180° hinges Sheet steel door at the rear, 180° hinges Lock front and rear: Comfort handle for profile half-cylinders and security lock 3524 E Base tray with gland plate, multi-piece, solid Roof plate, one-piece, solid
Dimensions	Width: 800 mm Height: 2,000 mm Depth: 1,000 mm
Units	42 U
Units	42 U

# Features

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Distance between levels as delivered	745 mm
Load capacity	15.000 N
Protection category to IEC 60 529	IP 55
Note on Model No.	For stand-alone siting, order the enclosure with the pre-fitted screw-fastened side panels.
Note	Depending on how and where it is sited, the door opening angle may vary for selected applications
Basic material	Aluminium
Packs of	1 pc(s).
Net weight	120 kg
Gross weight	129,5 kg
Customs tariff number	94032080
ECLASS 8.0	27180207

# Approvals

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Certificates	Protection category
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# Tender text

TS IT network server enclosure

for protected siting of components -

protection category (IP 55)

IT rack with increased protection category,

installation height 42 U, glazed door at the front,

one-part solid sheet steel door at the rear.

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/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 enclosure 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 and integral automatic potential equalisation. Optional screw fastening of mounting angles.

Supply includes two 482.6 mm (19") mounting levels, pre-assembled, front and rear on depth stays.

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 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 accommodation of a Power Distribution Unit (PDU) in 1 U form factor on both sides for enclosure electrical power distribution, without waste of installation volume thanks to space-saving side mounting between mounting level and side panel in the Zero-U space.

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.

Material: Sheet steel, aluminium

Surface finish: „Panels, doors, interior installation, spray-finished in RAL 7035

Approvals:

Dimensions (WxHxD): 800x2000x1000 mm

Model No.: TS-IT 5509.130

Manufacturer: Rittal GmbH & Co. KG