

# Rittal – The System.

Faster – better – everywhere.



## KS 1453.500

## Plastic enclosures KS

State: 07/05/2026 (Source: [rittal.com/ro-ro](http://rittal.com/ro-ro))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# KS 1453.500 - Plastic enclosures KS

Wall-mounted enclosure with door of fibre-glass reinforced, non-saturated polyester, with mounting plate. Optionally with or without glazed door. Protection category IP 56 or IP 66. Infinite mounting plate depth adjustment, thanks to multiple mounting levels in the enclosure. Flexible interior door configuration using press-fitted mounting bosses in the door. High stability thanks to use of fibre-glass reinforced plastic.

## Features

Model No.	KS 1453.500
Design	Without viewing window
Material	Enclosure and door: Fibreglass-reinforced unsaturated polyester Door: All-round foamed-in PU seal Mounting plate: Sheet steel Viewing window: Glazed acrylic, 3.0 mm with all-round rubber cable clamp strip
Surface finish	Enclosure and door: Dyed plastic with no after-treatment Mounting plate: Zinc-plated
Colour	Similar to RAL 7035
Supply includes	Enclosure with hinged door, of all-round solid construction, 3 mm double-bit lock Mounting plate Twin seal on the top and bottom edges of the door as integral rain protection strip Press-fitted C sections at the sides for infinitely variable mounting plate depth adjustment
Note	Under the influence of long-term UV radiation (sunlight) in conjunction with wind and rain, the surface finish may become visually impaired. This does not affect the protection of the installed electrical components in any way. If the enclosures cannot be protected from UV radiation, we recommend that they should be painted with a PUR paint. Ambient temperature -30 °C...+75 °C.
Protection category NEMA	NEMA 4X
Protection category to IEC 60 529	IP 66

# Features

IK Code	IK08
Dimensions	Width: 500 mm Height: 500 mm Depth: 300 mm
Material thickness of mounting plate	2,5 mm
Dimensions mounting plate (W x H)	417 mm x 450 mm
Number of doors	1
Interchangeable door hinge	Yes
Number of locks	2
Lock	Lock version: Cam Number of locks: 2 Lock insert: 3 mm double-bit
Basic material	Plastic
Packs of	1 pc(s).
Net weight	13,03 kg
Gross weight	13,716 kg
Customs tariff number	94037000
ECLASS 8.0	27180101
Product description	KS Plastic enclosure, WHD: 500x500x300 mm, Fibreglass-reinforced unsaturated polyester, with mounting plate, with door

# Approvals

Approvals	Bureau Veritas TÜV
Explanations	Declaration of conformity Declaration of conformity UK

# Tender text

Plastic enclosure, protection category IP 66

Enclosure:

fully insulated to VDE 100 § 7, of 2.5 - 3.5 impact resistant,

fibreglass-reinforced unsaturated polyester, self-extinguishing

to ASTM D 635 or UL 94 VO, withstanding temperatures of between -30° and 80°C, colour similar to RAL 7035, suitable for overpainting, double seal at the top and bottom edges of the door, press-fitted rows of inserts in the rear panel in the 25 mm pitch pattern of holes to DIN 43 660 for interior installation, press-fitted C rails for mounting plate adjustment brackets.

Door:

with foamed-in seal, door opening angle 130° nach VDI, cam lock with double-bit insert to DIN 43668.

Press-fitted inserts for interior installation.

Mounting plate:

2.0 or 3.0 mm sheet steel, zinc-plated.

Accessories:

lock systems, wiring plan pockets, wall mounting brackets, heat

exchangers, fan-and-filter units, heaters, threaded inserts, mounting plate adjustment brackets, mounting accessories

External dimension (W x H x D): 500 x 500 x 300 mm