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## KS 1453.500

## KS Plastic Enclosures

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

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# KS 1453.500 - KS Plastic Enclosures

Wall-mounted housing with door of fiberglass-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   |
| Version                  | without viewing window  |
| Material                 | Housing and door: Fiberglass-reinforced unsaturated polyester<br>Door: All-round foamed-in PU seal<br>Mounting plate: Carbon steel<br>Viewing window: Glazed acrylic, 3.0 mm with all-round rubber cable clamp strip  |
| Surface finish           | Housing and door: Dyed plastic with no after-treatment<br>Mounting panel: Zinc-plated   |
| Color                    | Similar to RAL 7035   |
| Supply includes          | Housing with hinged door, of all-round solid construction, 3 mm double-bit lock<br>Mounting panel<br>Twin seal on the top and bottom edges of the door as integral rain protection strip<br>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. Permissible ambient temperature -30 °C... +75 °C. |
| Protection category NEMA | NEMA 4X   |

# Features

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|                                      |  |
|--------------------------------------|--|
| Protection category IP to EN 60529   | IP 66  |
| IK code                              | IK08   |
| Dimensions                           | Width: 500 mm<br>Height: 500 mm<br>Depth: 300 mm   |
| Material thickness – mounting plate  | 2.5 mm   |
| Dimensions of mounting plate (W x H) | 417 mm x 450 mm  |
| Number of doors                      | 1  |
| Interchangeable door catch           | Yes  |
| No. of locks                         | 2  |
| Lock                                 | Lock version: Cam<br>No. of locks: 2<br>Lock Insert: 3 mm double-bit   |
| Base material                        | Plastic  |
| Packaging unit                       | 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

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| Approvals | Bureau Veritas<br>TÜV |
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# Approvals

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Explanations

Declaration of conformity

Declaration of conformity UK