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**KS 1454.500**

**Plastic enclosures KS**

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# KS 1454.500 - 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 1454.500  |
| Design          | With viewing window  |
| Material        | Enclosure and door: Fibreglass-reinforced unsaturated polyester<br>Door: All-round foamed-in PU seal<br>Mounting plate: Sheet steel<br>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<br>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<br>Mounting plate<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<br>Viewing window in the door |

# Features

|                                      |  |
|--------------------------------------|--|
| 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 12  |
| Protection category to IEC 60 529    | IP 56  |
| IK Code                              | IK08   |
| Dimensions                           | Width: 500 mm<br>Height: 500 mm<br>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<br>Number of locks: 2<br>Lock insert: 3 mm double-bit  |
| With viewing window                  | Yes  |
| Basic material                       | Plastic  |
| Packs of                             | 1 pc(s).   |
| Net weight                           | 12.797 kg  |
| Gross weight                         | 13.471 kg  |
| Customs tariff number                | 94037000   |
| ECLASS 8.0                           | 27180101   |

# Features

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|                     |  |
|---------------------|--|
| Product description | KS Plastic enclosure, WHD: 500x500x300 mm, Fibreglass-reinforced unsaturated polyester, with mounting plate, with door, viewing window |
|---------------------|--|

# Approvals

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|              |   |
|--------------|---|
| Approvals    | Bureau Veritas<br>TÜV                                     |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

Plastic enclosure with viewing window, protection category IP 56

Enclosure:

fully insulated to VDE 100 § 7, of 2.5 - 3.5 mm 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 43660 for interior installation, press-fitted C rails for mounting plate adjustment brackets.

Door:

with integral viewing window of 3 mm (impact resistant) acrylic, with foamed-in seal, door opening angle 130° to VDI, cam lock with double-bit insert to DIN 43668. Press-fitted inserts for interior installation.

Mounting plate:

2,5 mm sheet steel, zinc-plated

Accessories:

lock systems, wiring plan pockets, wall mounting brackets, heat exchangers, mounting plate adjustment brackets, fan-and-filter units, heaters, mounting accessories, threaded inserts  
External dimension (W x H x D): 500 x 500 x 300 mm