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## AE 1045.500

## Compact enclosures AE

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# AE 1045.500 - Compact enclosures AE

Enclosure with door of sheet steel, spray-finished with mounting plate and gland plate in the base

## Features

|                                      |   |
|--------------------------------------|---|
| Model No.                            | AE 1045.500   |
| Material                             | Enclosure: Sheet steel<br>Door: Sheet steel, all-round foamed-in PU seal  |
| Surface finish                       | Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint<br>Mounting plate: Zinc-plated                               |
| Colour                               | RAL 7035  |
| Supply includes                      | Enclosure with hinged door(s), of all-round solid construction<br>Gland plate(s) in enclosure base<br>Mounting plate<br>Lock: 3 mm double-bit |
| Protection category NEMA             | NEMA 4  |
| Protection category to IEC 60 529    | IP 66   |
| IK Code                              | IK08  |
| Dimensions                           | Width: 400 mm<br>Height: 500 mm<br>Depth: 210 mm  |
| Material thickness - door            | 1,5 mm  |
| Material thickness - enclosure       | 1,38 mm   |
| Material thickness of mounting plate | 2 mm  |
| Dimensions mounting plate (W x H)    | 354 mm x 475 mm   |
| Number of doors                      | 1   |
| Interchangeable door hinge           | Yes   |
| Number of locks                      | 2   |

# Features

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|                       |  |
|-----------------------|--|
| Lock                  | Lock version: Cam<br>Number of locks: 2<br>Lock insert: 3 mm double-bit                                      |
| Gland plate           | Size: 4<br>Qty.: 1   |
| Basic material        | Sheet steel  |
| Packs of              | 1 pc(s).   |
| Net weight            | 12,421 kg  |
| Gross weight          | 12,72 kg   |
| Customs tariff number | 94032080   |
| ECLASS 8.0            | 27180101   |
| Product description   | AE Compact enclosure, WHD: 400x500x210 mm, Sheet steel, with mounting plate, single-door, with two cam locks |

# Approvals

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|              |   |
|--------------|---|
| Approvals    | DNV<br>Lloyds Register<br>UL + C-UL (listed)              |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

Enclosure (compact enclosure),  
protection category IP 66

## Enclosure:

Robust steel sheet construction made from 1.25 mm or 1.5 mm steel sheet, folded and welded from a single piece, with protection channel around the door opening, rear panel with countersunk holes for wall mounting brackets. Enclosure base fitted with sheet steel gland plates.

## Door(s):

1.5 mm - 2 mm sheet steel, flush-mounted, with foamed-in seal, vertical perforated mounting strips fitted on both sides, screw-fastened hinges. Hinges can be fitted on the left or right for single-door enclosures, 130° opening angle as per VDI (retrofittable to 180°), cam lock with double-bit insert as per DIN 43668

## Mounting plate:

2 - 3 mm sheet steel with system punchings, depth-adjustable stud mountings, zinc-plated.

## Accessories:

Lock inserts, wall mounting brackets, plastic gland plate, earthing straps, wiring plan pockets, door stay, viewing window, panels, heat exchangers, fan-and-filter units, heaters, swing frame, electronic accessories (for 600 mm wide enclosures only), rain canopy, 180° hinge

## Approvals:

UL, CSA, TÜV, Germanischer Lloyd, Lloyds Register of Shipping, Det Norske Veritas, USSR Register of Shipping

## Surface finish:

Panels cleaned, degreased, phosphated, electrophoretic

dipcoat primed and powder-coated with polyester powder  
in textured RAL 7035.

Dimensions (W x H x D): 400 x 500 x 210 mm