

# Rittal – The System.

Faster – better – everywhere.



## AE 1280.500

## Compact enclosures AE

State: 08/05/2026 (Source: [rittal.com/ro-ro](http://rittal.com/ro-ro))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# AE 1280.500 - Compact enclosures AE

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

## Features

|                                      |  |
|--------------------------------------|--|
| Model No.                            | AE 1280.500  |
| 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<br>3-point lock system |
| Protection category NEMA             | NEMA 4   |
| Protection category to IEC 60 529    | IP 66  |
| IK Code                              | IK08   |
| Dimensions                           | Width: 800 mm<br>Height: 1,200 mm<br>Depth: 300 mm   |
| Material thickness - door            | 2 mm   |
| Material thickness - enclosure       | 1,5 mm   |
| Material thickness of mounting plate | 3 mm   |
| Dimensions mounting plate (W x H)    | 740 mm x 1,155 mm  |
| Number of doors                      | 1  |
| Interchangeable door hinge           | Yes  |

# Features

---

|                       |  |
|-----------------------|--|
| Lock                  | Lock version: 3-point lock system<br>Number of locks: 1<br>Lock insert: 3 mm double-bit                        |
| Gland plate           | Size: 5<br>Qty.: 1   |
| Basic material        | Sheet steel  |
| Packs of              | 1 pc(s).   |
| Net weight            | 64,125 kg  |
| Gross weight          | 65,125 kg  |
| Customs tariff number | 94032080   |
| ETIM 9                | EC000261   |
| ETIM 8                | EC000261   |
| ECLASS 8.0            | 27180101   |
| Product description   | AE Compact enclosure, WHD: 800x1200x300 mm, Sheet steel, with mounting plate, single-door, 3-point lock system |

---

# Approvals

---

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

---

# Tender text

Enclosure (compact enclosure),

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 (retrofitable to 180°), 3-point lock system.

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

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): 800 x 1200 x 300 mm