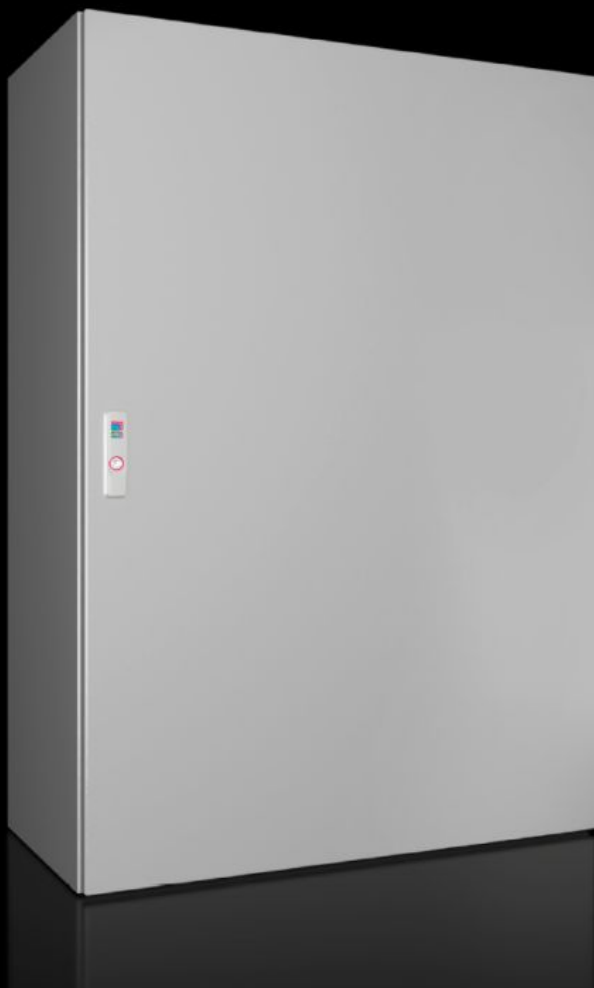
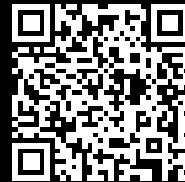


# Rittal – The System.

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## AX 1281.450

## Compact enclosure AX

State: 07.06.2025 (Source: [rittal.com/ua-en](http://rittal.com/ua-en))

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# AX 1281.450 - Compact enclosure AX C4-H

The compact enclosure AX with integral enclosure locators in the roof, base and side forms the familiar 25 mm system pitch pattern from the VX25 large enclosure. System components and accessories are easily, quickly and securely installed and retrofitted on rails, with no drilling required. Surface coating to DIN EN ISO 12944 corrosion protection class C4-H. Important: Please observe the product properties and the notes on installation and maintenance in the product description.

## Features

|                 |  |
|-----------------|--|
| Model No.       | AX 1281.450  |
| Design          | Surface coating to DIN EN ISO 12944  |
| Benefits        | More interior installation options thanks to integral enclosure locators on a 25 mm system pitch pattern combined with the interior installation rail and our diverse range of system accessories<br>Maintains the protection category (UL approval) by mounting the interior installation rail with no drilling required.<br>Base configuration rail provides additional mounting level and increased load capacity<br>Simple planning and configuration with the Rittal RiPanel configurator |
| Material        | Enclosure and door: Sheet steel<br>Door: Sheet steel, all-round foamed-in PU seal  |
| Surface finish  | Enclosure and door: Powder-coated, textured paint<br>Mounting plate: Zinc-plated   |
| Colour          | RAL 7035   |
| Supply includes | Enclosure with door(s)<br>Gland plate(s) in enclosure base<br>Mounting plate<br>Perforated door strip<br>Lock: 3 mm double-bit   |

# Features

|                                      |   |
|--------------------------------------|---|
| Note                                 | <p>Installation and maintenance: DIN EN ISO 12944 refers to corrosion protection for steel structures (e.g. containers and bridges) and is thus only indirectly applicable to enclosures. The test criteria defined in this standard were nevertheless applied to the paint finishes of the C4-H enclosures. Our “paint finish equivalent to C4-H” thus satisfies all requirements of the standard in respect of the 720-hour salt spray mist test. Even so, corrosion can still occur on such sheet-steel enclosures. If the enclosure is installed in an environment where there is a risk of corrosion, the user must provide for regular maintenance and the prompt repairing of any paint damage. Depending on the application, the user may need to take suitable precautions as protection against environmental conditions at the place of installation, e.g. UV radiation.</p> |
| Protection category NEMA             | NEMA 1, 3R, 4, 12   |
| Protection category to IEC 60 529    | IP 66   |
| IK Code                              | IK10  |
| Dimensions                           | <p>Width: 800 mm</p> <p>Height: 1,200 mm</p> <p>Depth: 400 mm</p>   |
| Material thickness - door            | 2 mm  |
| Material thickness - enclosure       | 1.5 mm  |
| Material thickness of mounting plate | 2.5 mm  |
| Dimensions mounting plate (W x H)    | 745 mm x 1,175 mm   |
| Number of doors                      | 1   |
| Interchangeable door hinge           | Yes   |
| Lock                                 | <p>Lock version: 3-point locking rod</p> <p>Number of locks: 1</p> <p>Lock insert: 3 mm double-bit</p>  |
| Gland plate                          | <p>Size: 5</p> <p>Qty.: 2</p>   |
| Basic material                       | Sheet steel   |
| Packs of                             | 1 pc(s).  |

# Features

|                               |  |
|-------------------------------|--|
| PCF per pack (cradle-to-gate) | 223.8 kg CO2 eq (Cat B)  |
| Note on PCF category          | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared |
| EAN                           | 4028177993808  |
| ETIM 9                        | EC000261   |
| ETIM 8                        | EC000261   |
| ECLASS 8.0                    | 27180101   |