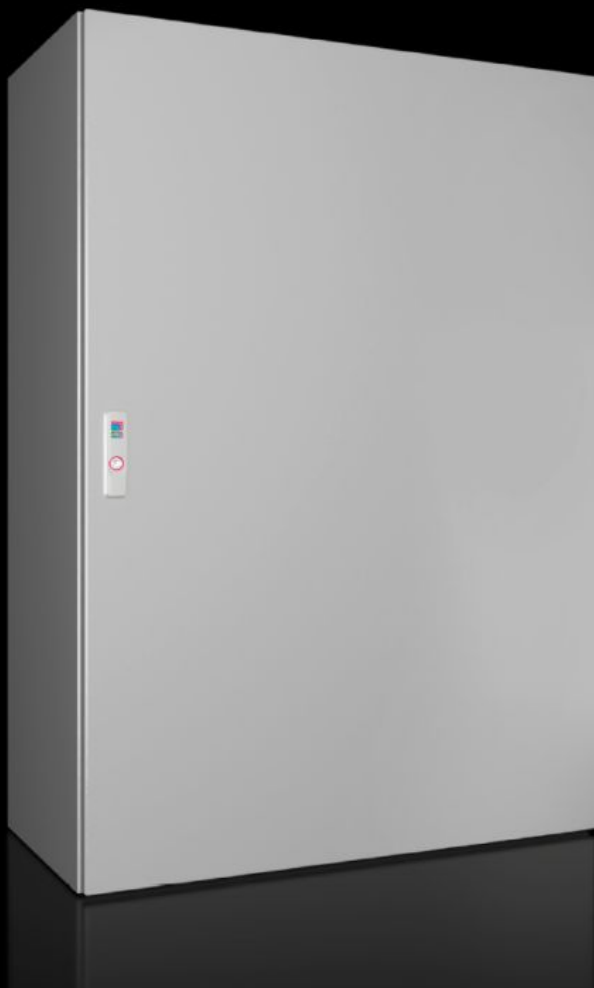
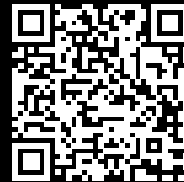


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AX 1281.450

AX Wall-mounted, carbon steel

State: 6/7/2025 (Source: [rittal.com/us-en](https://www.rittal.com/us-en))

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AX 1281.450 - AX Wall-mounted, carbon steel 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
Version	Surface coating to DIN EN ISO 12944
Benefits	More interior finishing options thanks to integrated housing cams in the 25 mm system grid in combination with the rail for interior finishing and our wide range of system accessories Maintaining the protection class (UL approval) by mounting the rail for interior installation without drilling Additional mounting level and increased load capacity due to base configuration rail Easy planning and configuration with the Rittal configurator RiPanel
Material	Housing and door: Carbon steel Door: Carbon steel, all-round foamed-in PU seal
Surface finish	Enclosure and door: Powder-coated, textured paint Mounting panel: Zinc-plated
Color	RAL 7035
Supply includes	Housing with door(s) Flange (gland) plate(s) in enclosure base Mounting panel Punched door strip 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 IP to EN 60529	IP 66
IK code	IK10
Dimensions	<p>Width: 800 mm Height: 1,200 mm Depth: 400 mm Width: 31.5 “ Height: 47.2 “ Depth: 15.7 “</p>
Material thickness - door	<p>2 mm 0.08 “</p>
Material thickness - enclosure	<p>1.5 mm 0.06 “</p>
Material thickness – mounting plate	<p>2.5 mm 0.1 “</p>
Dimensions of mounting plate (W x H)	<p>745 mm x 1,175 mm 29.3 “ x 46.3 “</p>
Number of doors	1
Interchangeable door catch	Yes

Features

Lock	Lock version: 3-point locking rod No. of locks: 1 Lock Insert: 3 mm double-bit
Gland plate	Size: 5 Qty.: 2
Base material	Carbon steel
Packaging unit	1 pc(s).
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