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## AX 1005.000

## Basic enclosure AX, stainless steel

State: 6/09/2025 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

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FRIEDHELM LOH GROUP



# AX 1005.000 - Basic enclosure AX, stainless steel

The robust stainless steel enclosure features an integral locator system, enabling fast, easy, reliable and extensive system configuration with no drilling required.



## Features

|                                   |  |
|-----------------------------------|--|
| Model No.                         | AX 1005.000  |
| Material                          | Enclosure: Stainless steel<br>Door: Stainless steel, all-round foamed-in PU seal<br>Mounting plate: Sheet steel<br>Stainless steel 1.4301 (AISI 304) |
| Surface finish                    | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm<br>Mounting plate: Zinc-plated  |
| Supply includes                   | Enclosure with door(s), opening angle 130°<br>Mounting plate<br>Lock: 3 mm double-bit  |
| Protection category NEMA          | NEMA 1<br>NEMA 3R<br>NEMA 4<br>NEMA 4X<br>NEMA 12  |
| Protection category to IEC 60 529 | IP 66  |

# Features

|                                      |   |
|--------------------------------------|---|
| Type rating to UL 50E                | Type 1<br>Type 3R<br>Type 4<br>Type 4X<br>Type 12   |
| IK Code                              | IK10  |
| Dimensions                           | Width: 300 mm<br>Height: 380 mm<br>Depth: 210 mm  |
| Material thickness - door            | 1.5 mm  |
| Material thickness - enclosure       | 1.25 mm   |
| Material thickness of mounting plate | 2 mm  |
| Dimensions mounting plate (W x H)    | 250 mm x 355 mm   |
| Number of doors                      | 1   |
| Lock                                 | Lock version: Cam<br>Number of locks: 1<br>Lock insert: 3 mm double-bit<br>Material lock: Die-cast zinc |
| Basic material                       | Stainless steel 1.4301 (AISI 304)   |
| Packs of                             | 1 pc(s).  |
| Net weight                           | 7   |
| Gross weight                         | 7.523   |
| Customs tariff number                | 94032080  |
| EAN                                  | 4028177814943   |
| E-Number Sweden                      | E3465121  |
| ETIM 9                               | EC000261  |
| ETIM 8                               | EC000261  |
| ECLASS 8.0                           | 27180101  |

# Approvals

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|              |   |
|--------------|---|
| 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                     |

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## Tender text

Enclosure (compact enclosure, stainless steel)

Enclosure with door:

Stable stainless steel construction

consisting of body folded from a single piece and welded,  
with protection channel all-round door opening,  
solid rear panel with knockouts for attaching  
wall mounting brackets.

Door with foamed-in PU seal,  
screw-fastened hinges.

Right-hand hinge may be swapped to the left,  
130° opening angle to VDI,

Earthing bolt, integral enclosure bosses for interior installation,  
cam lock with double-bit insert to DIN 43668

Mounting plate: With machined keyholes for earthing,  
with imprinted scale, attached with Limbach nuts.

QR code:

QR code printed on body, cover and rating plate  
for clear identification and easy retrieval of relevant  
product information and documentation,  
and for clear traceability of the individual parts.

Accessories: Mini-comfort handle, lock inserts,  
wall mounting bracket, earth straps,  
wiring plan pockets, door stay, viewing window,  
operating panels, fan-and-filter units, heaters,  
swing frame, protective roof

Material:

Enclosure, door: Stainless steel 1.4301 (AISI 304)

Mounting plate: Sheet steel, zinc-plated

Enclosure and door surface finish:

Brushed, grain size 400

Protection category to IEC 60 529: IP 66

Protection category to UL 508A: Type 4X

Dimensions (W x H x D): 300x380x210 mm

Dimensions mounting plate (W x H): 250 x 355 mm

Model No.:1005.000

Manufacturer: Rittal GmbH & Co. KG