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**AX 1018.000**

**Basic enclosure AX, stainless steel**

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FRIEDHELM LOH GROUP



# AX 1018.000 - 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 1018.000
Material	Enclosure: Stainless steel Door: Stainless steel, all-round foamed-in PU seal Mounting plate: Sheet steel Stainless steel 1.4301 (AISI 304)
Surface finish	Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm Mounting plate: Zinc-plated
Supply includes	Enclosure with door(s), opening angle 130° Mounting plate Lock: 3 mm double-bit
Protection category NEMA	NEMA 1 NEMA 12
Protection category to IEC 60 529	IP 55
Type rating to UL 50E	Type 1 Type 12
IK Code	IK10
Dimensions	Width: 1,000 mm Height: 1,000 mm Depth: 300 mm
Material thickness - door	2 mm

# Features

Material thickness - enclosure	1.5 mm
Material thickness of mounting plate	2.5 mm
Dimensions mounting plate (W x H)	945 mm x 975 mm
Number of doors	2
Lock	Lock version: Cam Number of locks: 2 Lock insert: 3 mm double-bit Material lock: Die-cast zinc
Basic material	Stainless steel 1.4301 (AISI 304)
Packs of	1 pc(s).
Net weight	60.5 kg
Gross weight	64 kg
PCF per pack (cradle-to-gate)	209.29
Customs tariff number	94032080
ETIM 9	EC000261
ETIM 8	EC000261
ECLASS 8.0	27180101
Product description	AX Compact enclosure, WHD: 1000x1000x300 mm, stainless steel 1.4301, with mounting plate, two-door, with two cam locks

# Approvals

Approvals	Bureau Veritas DNV Lloyds Register UL + C-UL (listed)
Explanations	Declaration of conformity PCF-declaration

# Tender text

Enclosure (compact enclosure, stainless steel)

Enclosure with two doors:

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.

Doors 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,  
two cam locks 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, perforated door strip,  
wiring plan pockets, door stay, viewing window,  
operating panels, fan-and-filter units, heaters,  
swing frame, protective roof.

Material:

Enclosure, doors: 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 55

Protection category to UL 508A: Type 12

Dimensions (W x H x D): 1000 x 1000 x 300 mm

Dimensions mounting plate (W x H): 945 x 975 mm