

# Rittal – The System.

Faster – better – everywhere.



## AX\_IT 7647.400

# AX IT Nano Data Center wall-mounted enclosure

State: 6/27/2026 (Source: [rittal.com/us-en](http://rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# AX\_IT 7647.400 - AX IT Nano Data Center wall-mounted enclosure

Designer wall-mounted enclosure IT with 19" swing frame for vertical and horizontal mounting.



## Features

Model No.	AX IT 7647.400
Version	IT enclosure for use in industrial environments Pre-configured
Benefits	Pre-configured enclosure to accommodate 482.6 mm (19") IT components Compact design with maximum usable interior volume The welded enclosure structure guarantees a high level of physical protection (up to IP 54) Vertical (top) and horizontal (front) assembly for deep and shallow IT components Interchangeable door catch Compatible with the AX wall-mounted enclosure system
Applications	IT enclosure for use in industrial environments
Material	Carbon steel
Surface finish	Housing and door: Dipcoat primed, powder-coated on the outside, textured paint Interior fittings: zinc-plated
Color	RAL 7035
Supply includes	Housing with hinged door Swing frame, 482.6 mm (19"), fitted Cam lock with 3 mm double-bit insert Gland plate

# Features

Height units	11 U 4 U
Dimensions	Width: 600 mm Height: 800 mm Depth: 400 mm Width: 23.6 " Height: 31.5 " Depth: 15.7 "
Position door catch	right, may be swapped to the left
Installation options	For vertical mounting For horizontal mounting
Note	Variant with UL approval available on request Special design available on request
Lock	Lock version: Cam with 3 mm double-bit lock insert No. of locks: 2
Protection category	Protection category up to IP 54 possible, depending on the optionally selected filter fan
No. of locks	2
Packaging unit	1 pc(s).
Customs tariff number	94032080
Product description	AX IT Nano DC wall-mounted distributor, pre-assembled, installation height for components 565 mm vertical / 250 mm horizontal, with 19" swing frame, WHD: 600x800x400 mm, with hinged door