

Rittal – The System.

Faster – better – everywhere.



AX 7646.400

Wall-mounted housing AX IT

State: 7/23/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



AX 7646.400 - Wall-mounted housing AX IT with 19" (482.6 mm) profile rails, depth-variable

IT wall-mounted enclosure with high protection category for use in industrial environments. With depth-variable 19" mounting angle and gland plate with brush strip for cable entry in the enclosure base. Protection category up to IP 66 (depending on the selected gland plate)



Features

Model No.	AX 7646.400
Version	Wall-mounted housing IT with 19" (482.6 mm) profile rails, depth-variable
Product description	IT wall-mounted enclosure based on AX, with high protection category, for use in industrial environments. Secure, protected integration of IT directly into the process in your production plant.
Benefits	Fully pre-assembled IT enclosure for immediate accommodation of 19" IT components, with depth-adjustable profile rails Welded enclosure construction with fully enclosed body ensures maximum protection for installed components, up to IP 66 Door hinged on the right, may be swapped to the left Maximum usable interior volume with an extremely compact design Individual interior configuration Maximum cut-out in the enclosure base with optimized gland plates increases cable routing space by up to 33% Convenient cable entry from below via a gland plate with integrated brush strip
Material	Carbon steel

Features

Surface finish	Housing and door: Dipcoat primed, powder-coated on the outside, textured paint Interior fittings: zinc-plated
Color	RAL 7035
Supply includes	Pre-assembled IT enclosure with hinged door, completely closed Cam lock with 3 mm double-bit insert Gland plate with brush strip 19" mounting angle, front, depth-variable at 25 mm intervals, mounted on 4 interior installation rails Mounting Bracket C rail, mounted on the rear panel
Height units	15 U
Dimensions	Width: 600 mm Height: 800 mm Depth: 400 mm Width: 23.6 " Height: 31.5 " Depth: 15.7 "
Installation depth	316 mm 12.4 "
Installation height for components	15 U
Position door catch	right, may be swapped to the left
No. of locks	2
Installation options	Pre-assembled mounting bracket, including C-profile rail for cable clamp Mounting bracket for mounting a central grounding rail Mounting bracket for mounting a 19" socket strip
Note	Variant with UL approval available on request
Base material	Carbon steel
Lock	Lock version: Cam with 3 mm double-bit lock insert No. of locks: 2
Protection category IP to EN 60529	IP 10 (up to IP 66 on request) Up to IP 66 (depending on the selected flange plate)

Features

Gland plate	Size: 7 Qty.: 1
No. of locks	2
Packaging unit	1 pc(s).
Net weight	32.3 kg
Gross weight	32.5 kg
PCF/VE (cradle-to-gate)	123.8 kg CO2 eq (Cat B)
Information regarding the PCF class	Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared
Customs tariff number	94032080
ETIM 9	EC002500
ECLASS 8.0	27180208
Product description	AX IT wall-mounted IT distributor, 15 U, without mounting plate, with 482.6 mm (19") mounting angles, WHD: 600x800x400 mm (AX 1059), Pre-assembled IT enclosure with:, with hinged door, of all-round solid construction

Approvals

Explanations	Declaration of conformity Declaration of conformity UK
--------------	---