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## AX 9209.100 Ex Enclosures

State: 5/4/2026 (Source: [rittal.com/us-en](http://rittal.com/us-en))

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FRIEDHELM LOH GROUP



# AX 9209.100 - Ex Enclosures Fiberglass Reinforced Polyester AX, empty enclosure with hinged door

Ex enclosure with hinged door, fiberglass-reinforced polyester



## Features

Model No.	AX 9209.100
Version	Ex Enclosures
Applications	Zone 1 and 2 or 21 and 22 to 2014/34/EU Ambient temperature range: -40 °C...+70 °C The specified temperatures can be limited by the installed equipment Explosion protection category to EN 60 079: Equipment protection due to increased safety (Ex e), equipment protection due to enclosure (Ex tb)
Material	Housing: fiber-glass reinforced unsaturated polyester, surface resistance: <math> < 10^9 \Omega </math> Door: glass fiber reinforced unsaturated polyester, surface resistance: <math> < 10^9 \Omega </math> circumferentially bonded silicone gasket Mounting plate: Carbon steel, zinc-plated
Color	RAL 9011
Supply includes	Housing Door Mounting panel

# Features

Dimensions	Width: 800 mm Height: 1,000 mm Depth: 300 mm Width: 31.5 " Height: 39.4 " Depth: 11.8 "
Dimensions of mounting plate (W x H)	705 mm x 925 mm 27.8 " x 36.4 "
Material thickness – mounting plate	3 mm 0.12 "
Certificate IEC EX PTB 10.0011U	Yes
Certificate PTB 03 ATEX 1011U	Yes
Lock	No. of locks: 3
Protection category IP to IEC 60529	IP 65
Protection category NEMA	Type 1 Type 3R Type 3RX Type 4 Type 4X Type 12
IK code	IK09
Operating temperature range	-40 °C...70 °C -40 °F...158 °F
Operating temperature	The specified temperatures can be limited by the installed equipment
Packaging unit	1 pc(s).
Net weight	38.5 kg
Gross weight	39.5 kg
Customs tariff number	94037000
ETIM 9	EC002503
ECLASS 8.0	27180502

# Features

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Product description	AX Ex enclosure, WHD: 800x1000x300 mm, fibreglass-reinforced unsaturated polyester, with mounting plate, empty enclosure with hinged door
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# Approvals

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Approvals	ATEX ATEX QA IECEX IECEX QAR UR + C-UR (recognized)
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Explanations	Attestation of Conformity
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