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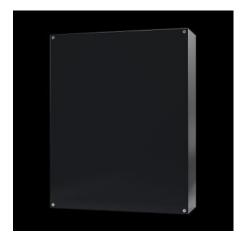
## AX 9208.100 Ex enclosures

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# AX 9208.100 - Ex enclosures AX plastic, empty enclosure with hinged door

Ex enclosures with hinged door, plastic







#### **Features**

Model No.	AX 9208.100
Design	Ex enclosures
Applications	Zone 1 and 2 or 21 and 22 to 2014/34/EC
	Ambient temperature range: -40 °C+70 °C
	The specified temperatures may be limited by the installed equipment
	Explosion protection category to EN 60 079: Equipment protection
	thanks to increased safety (Ex e), equipment protection thanks to enclosure (Ex tb)
Material	Fibre-glass-reinforced unsaturated polyester, surface resistance: < $10\mbox{M}$ $\Omega$
	Door: Fibreglass-reinforced unsaturated polyester, surface
	resistance: < 10\( \text{Ω} \), bonded all-round silicone seal
	Mounting plate: Sheet steel, zinc-plated
Colour	RAL 9011
Supply includes	Enclosure
	Door
	Mounting plate

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#### Features

Dimensions	Width: 600 mm Height: 800 mm Depth: 300 mm
Dimensions mounting plate (W x H)	505 mm x 725 mm
Material thickness of mounting plate	3 mm
Certificate IEC EX PTB 10.0011U	Yes
Certificate PTB 03 ATEX 1011U	Yes
Lock	Number of locks: 3
IP protection category to IEC 60 529	IP 65
Protection category NEMA	Type 1 Type 3R Type 3RX Type 4 Type 4X Type 12
IK Code	IK09
Operating temperature range	-40 °C70 °C
Operating temperature	The specified temperatures may be limited by the installed equipment
Packs of	1 pc(s).
Net weight	26
Gross weight	26.5
Customs tariff number	94037000
EAN	4028177952126
ETIM 9	EC002503
ECLASS 8.0	27180502

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#### **Approvals**

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

#### Tender text

Ex-Enclosure Plastic AX

Enclosure with door:

Empty enclosure with hinged door, 3 mm double-bit insert.

EX approved for zones 1 and 2 resp.

21 and 22 according to 2014/34/EU

Insulated enclosure, class II according to VDE 100, part 410

Body made of one piece of impact-resistant,

glass-fibre-reinforced and unsaturated polyester,

self-extinguishing according to UL 94 V-0.

Temperature resistant between -40°C and +70°C

Double sealing at the top and bottom edge of the door

as rain protection strip.

Body encapsulated and provided with numerous mounting lugs

for interior fittings.

Doors with circumferentail glued-in silicone seal,

circumferential door reinforcement frame with

mounting lugs for interior fittings.

Door with 130° hinge in stainless steel, door opening angle

130°, door hinge can be changed from left to right.

Integrated runners on the upper- and underside of the door.

Mounting plate:

with keyhole for earthing

QR code:

Printed QR code on body, mounting plate, door and type plate for clear identification and easy retrieval of relevant product information and documentation as well as unambiguous traceability

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of the individual parts.

Accessories:

Locking inserts, universal brackets, system punched-sections Wall mounting brackets for AX plastic RAL 9011, door stay, wiring plan pockets, screws for interior fittings.

Material:

Enclosure: fibreglass reinforced unsaturated polyester,

Surface resistance: < 10M  $\Omega$ 

Door: fibreglass reinforced unsaturated polyester,

surface resistance: < 10 M  $\Omega$  all-round,

foamed-in silicone seal

Mounting plate: sheet steel, galvanised

Material thicknesses:

Enclosure and door: 3 mm Mounting plate: 2.5 mm

Colour: RAL 9011

Approvals and protection classes:

UL23 ATEX 2986U IECEx 23.0024U

**UL HazLoc** 

Explosion protection category to EN 60 079:

Equipment protection thanks to increased safety (Ex e),

equipment protection thanks to enclosure (Ex tb)

Protection class acc. to IEC 62 208: IP 65

Type rating to UL 50E: Type 1, 3R, 3RX, 4, 4X, 12

Impact protection to IEC 62 262: IK 09

Enclosure approved to UL 508A

Protective insulation, class II at 1000 V AC

Part No.: 9208.100

Manufacturer: Rittal GmbH & Co. KG

Mounting Plate Dimension (W x H): 505x725 mm

Enclosure Dimensions (W x H x D): 600x800x300 mm

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