SX7 Stainless Steel Enclosures

The SX is a highly durable stainless steel enclosure designed for use in the most demanding and hazardous environments.

- Manufactured from marine grade 316L stainless steel
- Ingress protection to IP66
- Option for IP67/68
- High Level of Impact (IK10)
- High ambient temperature range











Enclosure Ratings

Product Reference	Width (mm)			Height (mm)		Depth (mm)	Moight (kg)
	Х	X (H)	X (M)	Υ	Y (M)	Z	Weight (kg)
ESSX7140	650	730	586	950	886	140	35.0
ESSX7200	650	730	586	950	886	200	39.0
ESSX7300	650	730	586	950	886	300	45.0

Standard Specifications

Material	Marine grade 316L (1.404) stainless steel with silicone gasket and stainless steel fixings					
Material Thickness	Enclosure/Door: 2mm Gland Plates: 3mm					
Ingress Protection	IP66 (as standard, IP67/68 & Type 4X option available)					
Impact Resistance	IK10					
Ambient Temp Rating	Hazardous Area: -50°C to +175°C Non-Hazardous: -60°C to +200°C					
Earthing	Earth Stud fitted to Door and Gland Plates					
	Type of Protection	Equipment Coding				
	Ex eb (Increased Safety)	Ex eb IIB/IIC Gb				
Certification	Ex tb (Dust Protected)	Ex tb IIIC Gb				
Certification	Ex ia/ib (Intrinsic Safety)	Ex ia IIB/IIC Ga, Ex ib IIB/IIC Gb				
	Ex ta (Dust Ignition)	Ex ta IIC Da				
	Ex op is/pr (Optical Radiation)	Ex op is IIB/IIC, Ex op pr IIB/IIC T4 Gb				
	IECEx	IECEx CML 14.0047X				
	ATEX	CML 14ATEX3123X				
	UKEX	CML 21UKEX3109X				
	ECAS Ex (UAE)	24-06-23146/Q24-06-049342/NB0007				
Certificate Numbers	CCC (China)	2021122303114402				
	InMetro (Brazil)	NCC 24.0069 X				
	NEC Class 1 Zone 1	E115516				
	NEC Class 1 Division 2	E115516				
	TRCU (Eurasian Customs Union)	RU C-GB.HA65.B.01696/23				

Options

Gland Plates (available on all sides)

Rear entries

Electro-polished external surfaces

Epoxy powder coated, smooth finish (RAL colour may be specified)

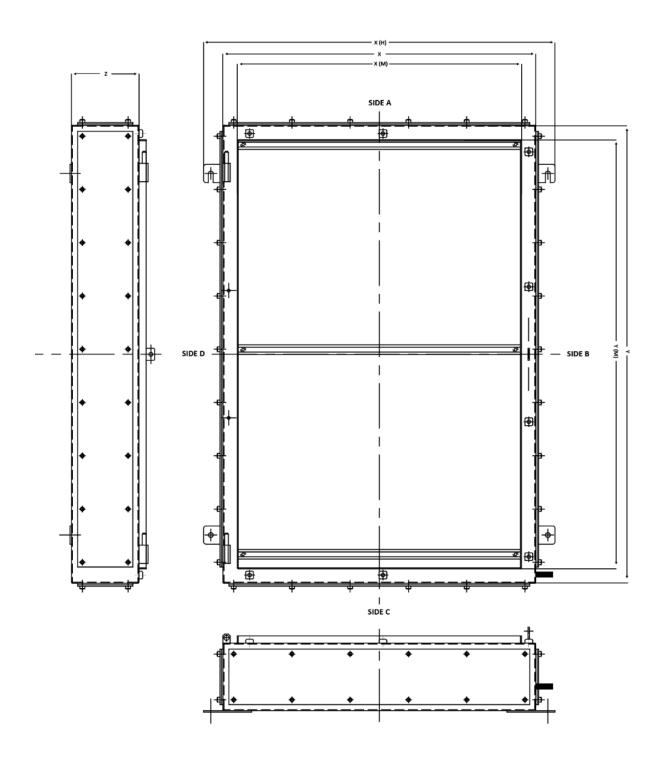
Anti-condensation heater

Component Mounting Plate

Breather Drain

Internal earthing bar

Dimensions



ABDS-140 - Rev 01 Release Date: 04/02/2025