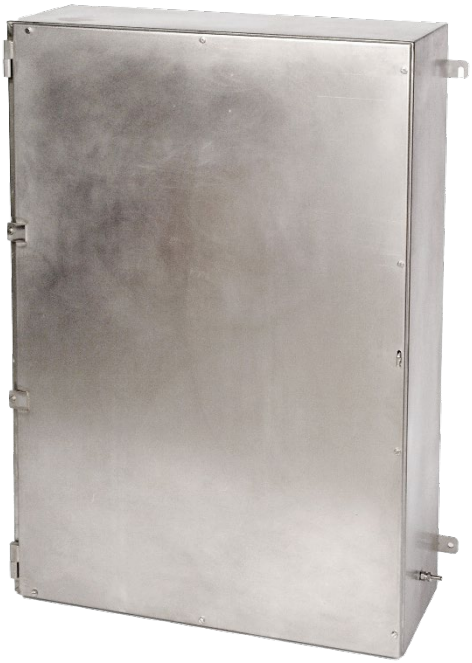
SX7 Stainless Steel Enclosures

IP66



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)	Weight (kg)
	X	X (H)	X (M)	Y	Y (M)	Z	
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^{0}C to +175^{0}C Non-Hazardous: -60^{0}C to +200^{0}C	
Earthing	Earth Stud fitted to Door and Gland Plates	
Certification	Type of Protection	Equipment Coding
	Ex eb (Increased Safety)	Ex eb IIB/IIC Gb
	Ex tb (Dust Protected)	Ex tb IIIC Gb
	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
Certificate Numbers	IECEx	IECEx CML 14.0047X
	ATEX	CML 14ATEX3123X
	UKEX	CML 21UKEX3109X
	ECAS Ex (UAE)	24-06-23146/Q24-06-049342/NB0007
	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