

# SX2 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	
ESSX2140	372	452	308	325	260	140	9.5
ESSX2200	372	452	308	324	260	200	11.3
ESSX2300	372	452	308	324	260	300	14.3

## 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					
Terminal Quantities	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35
	120	99	75	60	51	36
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		
Certificate Numbers	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		
	InMetro (Brazil)			NCC 24.0069 X		
	NEC Class 1 Zone 1			E115516		
	NEC Class 1 Division 2			E115516		
TRU (Eurasian Customs Union)			RU C-GB-A65.B.01696/23			

Technical specifications are subject to change without notice; please check the product file for the latest information.

## Gland Entry Matrix \*

Size	Side A – C		Side B – D	
	140	200	140	200
M16	18	36	14	28
M20	14	24	10	18
M25	6	18	6	12
M32	5	10	4	8
M40	4	8	3	6

\*Using standard gland clearances.

### Drilling Envelope Dimensions

Size	Side A – C		Side B - D	
	140	200	140	200
Width (mm)	307	307	239	239
Height (mm)	75	135	75	135

\*With gland plate fitted.

## Accessories

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

