

SX Range

Stainless Steel Enclosures

IP66

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

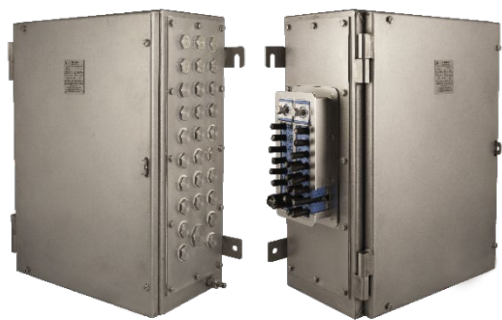
- Manufactured from marine grade 316L stainless steel
- Ingress protection to IP66
- Option for IP67/68
- High level of impact (IK10)
- High ambient temperature range



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	
Certification	Type of Protection	Apparatus 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 15ATEX3078U
	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

Capability Examples



Roxtec Frame



Electro Polished Finishing



SX with Screen

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
Viewing window

Enclosure Ratings

Product Reference	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)
SX45	114	114	51	1.2
SX64	102	152	63	1.5
SX66	152	152	102	2.2
SX0	152	229	140/200	3.2/4.0
SX0.5	184	274	140/200	5.0/6.0
SX1	234	324	140/200	6.3/7.2
SX1.5	306	306	140/200	7.3/8.8
SX2	372	324	140/200/300	9.5/11.3/14.3
SX3	372	448	140/200/300	11.3/13.3/16.6
SX4	372	510	140/200/300	12.7/14.8/18.3
SX5	510	510	140/200/300	17.0/20.0/25.0
SX6	510	780	140/200/300	24.0/27.0/32.0
SX7	650	950	140/200/300	35.0/39.0/45.0
SX8	800	1250	140/200/300	40.0/52.0/72.0