

SX3 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 | |
| ESSX3140 | 372 | 452 | 308 | 448 | 384 | 140 | 11.3 |
| ESSX3200 | 372 | 452 | 308 | 448 | 384 | 200 | 13.3 |
| ESSX3300 | 372 | 452 | 308 | 448 | 384 | 300 | 16.6 |

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 | 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 |
| | 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 | |

Product design and specifications are subject to change without notice; please check the website for latest specifications

Options

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|--|
| 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

