

# Zonex Stainless Steel Terminal Box, EXE-SB



The stainless steel terminal box enclosure range, EXE, with ATEX and IECEx certifications, is available off the shelf in five different sizes that accommodate the majority of common applications. ZONEX enclosures deliver a robust solution for termination and junction enclosure applications in potentially hazardous locations, including petroleum and chemical processing, water treatment processing, pharmaceutical processing, and grain processing.; ZONEX enclosures are designed and certified to meet ATEX Directive 2014/34/EU as well as IECEx standards for increased safety in housing electrical components in Zone 1 and Zone 2 applications.

## INDUSTRY STANDARDS

cULus\_UL Listed

ATEX

CE

DoC NEC Class 1 Div 2

IECEx

## FEATURES

ATEX- and IECEx-certified enclosure

Time and cost savings in the end-use investigation process of the final assembly

Certification of final assembly is easier if enclosures are certified

Body: M6 brass internal/external bonding provision; full-width welded wall-mounting brackets on top and bottom. Internal weld studs for panel or DIN rail mounting brackets

Cover: One piece continuous seal polyurethane gasket, operating range -40 to +70 °C; type 316L stainless steel cover screws; M6 inner grounding stud; optional silicone gasket with operating range -55 to +180 °C

Approvals: ATEX Directive 2014/34/EU. ATEX: Sira 09ATEX3224U; 2813 Ex II 2 G D; Ex e IIC Gb; Ex tb IIIC Db IP 66; EN 60079-0; EN 60079-7; EN 60079-31. IECEx: IECEx SIR 09.0099U; Ex eb IIC Gb; Ex tb IIIC Db IP 66; IEC 60079-0; IEC 60079-7; IEC 60079-31

Delivery: Enclosure with cover, cover screws, mounting plate and mounting accessories

SPECIFICATIONS

- Thickness (T):

2.5mm
- Finish:

Brushed 320
- Material:

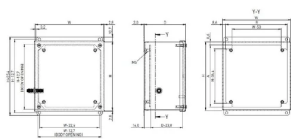
Stainless Steel 316L

| Table 1/1      |            |           |           |             |            |
|----------------|------------|-----------|-----------|-------------|------------|
| Catalog Number | Height (H) | Width (W) | Depth (D) | Panel Size  | Quick Ship |
| EXE151510SS6E  | 152mm      | 152mm     | 102mm     | 135 x 135mm | No         |
| EXE252513SS6E  | 254mm      | 254mm     | 127mm     | 237 x 237mm | No         |
| EXE221513SS6E  | 216mm      | 146mm     | 127mm     | 199 x 129mm | No         |
| EXE181810SS6E  | 178mm      | 178mm     | 102mm     | 161 x 161mm | No         |
| EXE101008SS6E  | 102mm      | 102mm     | 76mm      | 85 x 85mm   | No         |

ADDITIONAL PRODUCT DETAILS

Note: nVent HOFFMAN ATEX Ex e enclosures are not intended for use in explosion-proof or flame-proof applications. NEMA 4X enclosure (as a component) is suitable and complies with NEC Class I, Division 2, Groups A, B, C, D assemblies when properly evaluated and using terminal blocks and/or approved Class I, Division 1 or 2 (no arcs, sparks or hot surfaces) devices installed within the enclosure in accordance with NEC/CEC requirements (reference NEC 2011 Article 501.10(B)(4) and NEC 2011 Handbook).

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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