

EXE505021SS61E

ZONEX, Stainless Steel, Wall Mount Enclosures



HOFFMAN

CONNECT AND PROTECT



The stainless steel single-door wall mounted enclosure, range EXE, with ATEX and IECEx certifications, is available off the shelf in 16 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.



Ex eb IIC Gb; Ex tb IIIC Db; IP 66 | TYPE 4, 4X, 12

H	500
W	500
D	210
Gland plate opening width	437
Gland plate opening depth	134
Mounting Plate Height	455
Mounting Plate Width	455
Item no.	EXE505021SS61E
Max. enclosure useful depth	160
N° of locks	1

Body: M10 brass internal/external bonding provision. 2.5 mm thick wall-mounting brackets welded on the rear. M5 threads for gland plate screws provide quick and easy installation.

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).

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.

Protection: IP 66 | TYPE 4, 4X, 12.

Mounting plate: Fixed onto M8 welded studs to the rear of the enclosure. Holes to facilitate cable fixing are on the top and bottom.

Material: Fabricated from Type 316L stainless steel. Body: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Door: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Gland plate: 2.5 mm. Mounting plate: 2.0 mm galvanized steel.

Lock: Type 316L stainless steel quarter-turn latch with double bit 3 mm insert.

Finish: 320 grain brushed finish.

Door: Continuous seal polyurethane gasket, operating range -40 to +70 °C. Door opening 210°. Door is easily removed by pulling clip-style hinge pins. M6 inner grounding stud. Optional silicone gasket with operating range -55 to +180 °C.

Delivery: Enclosure with door, mounting plate, gland plate and mounting accessories.

Cable access: Fabricated and formed M5 threads for gland plate screws provide quick and easy installation. Flat gasketed.