

Zonex Screw Cover



HOFFMAN

ATEX- AND IECEX- CERTIFIED



INDUSTRY STANDARDS

ATEX Directive 94/9/EC

Sira 09ATEX3224U

Ex e IIC Gb

Ex tb IIIC Db IP 66

EN60079-0:2009

EN60079-7:2007

EN61241-0:2006

EN61241-1:2004

IECEX

IECEX SIR 09.0099U

Ex e IIC Gb

Ex tb IIIC Db IP 66

IEC 60079-0:2007-2010

IEC 60079-7:2006-2007

IEC 61241-0:2004

IEC 61241-1:2004

Type 4, 4X, 12; File No. E61997

cUL C22.2 No. 94 Listed; Type 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 4, 4X, 12

IEC 60529, IP66



NEMA 4X enclosure (as a component) is suitable and complies with NEC Class I, Division 2, Groups A, B, C, D assemblies*

* with properly evaluated assemblies 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).
Note: this is not an Explosion Proof enclosure.

Zonex enclosures are designed and certified to meet ATEX directive 94/9/EC as well as IECEX standards for increased safety in housing electrical components in Zone 1 and Zone 2 applications.

nVent HOFFMAN ATEX Ex e enclosures are not intended for use in Explosion Proof or flame-proof applications.

APPLICATION

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
- Grain processing

SCOPE OF DELIVERY

- Enclosure
- Cover
- Mounting plate (assembled)
- Assembly kit
- Installation instruction
- ATEX declaration of conformity

FEATURES

- Full width welded on top and bottom wall mounting brackets for easy installation

SPECIFICATIONS

- 6 mm brass internal/external bonding provision
- One piece continuous gasket on door
- Type 316L stainless steel cover screws
- Mounting panel and hardware for bonding provisions included
- Operating temperature range: -40 °C to +70 °C standard polyurethane gasket; -55 °C to +180 °C optional silicone gasket
- Internal weldstuds for panel or DIN rail mounting brackets
- 320 grain brushed finish
- Fabricated from Type 316L stainless steel

OPTIONS FOR MODIFICATION

HOFFMAN excels at modifying and customizing products to your specifications. HOFFMAN offers a Zonex-specific modification program with ATEX certification. Contact your local HOFFMAN sales office or distributor for complete information.

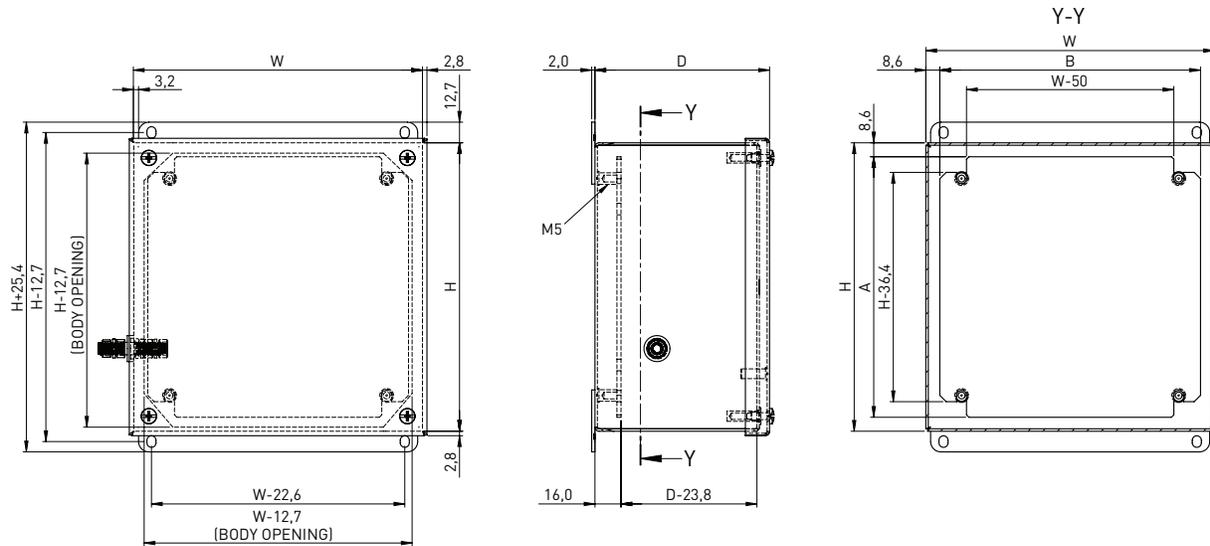
- Material changes: type 304 stainless steel, painted mild steel or aluminum
- Gasket changes: high-temperature silicone gasket; operating temperature range: -55 °C to +180 °C
- Holes and cutouts
- Paint
- Terminal block installation and marking
- Tagging (terminals, nameplates)
- Accessory installations: drain/breathers and stopping plugs

NOTE

Intrinsically safe terminal blocks can be installed in populated non-standard enclosures.

IECEX populated enclosures require IECEX-certified components specifically listed in certification (See IECEX SIR 09.0100 for more details).

Item Number	Description	H [mm]	W [mm]	D [mm]
15411298	EXE10210276SS6E Zonex EX e StSt316L IP66 screw cover	102	102	76
15411278	EXE152152102SS6E Zonex EX e StSt316L IP66 screw cover	152	152	102
15411279	EXE178178102SS6E Zonex EX e StSt316L IP66 screw cover	178	178	102
15411280	EXE216146127SS6E Zonex EX e StSt316L IP66 screw cover	216	146	127
15411281	EXE254254127SS6E Zonex EX e StSt316L IP66 screw cover	254	254	127



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