

**ZONEX™ ATEX- AND IECEX-CERTIFIED, TYPE 4X, HINGED COVER**

**FEATURES**

- 10-mm brass internal/external bonding provision
- Type 316 stainless steel quarter-turn latch with slotted insert
- Large 3-mm-thick, flat gasketed gland plate(s)
- Continuous seal gasket on door and gland plate(s)
- Hardware for panel and bonding provisions included
- Operating temperature range: -40 C to +70 C standard polyurethane gasket

**SPECIFICATIONS**

- Fabricated from Type 316 stainless steel
- 3-mm thick individual welded-on top and bottom wall-mounting brackets
- Increased safety: Ex e. IECEx e certified

**FINISH**

#4 brushed finish

**ACCESSORIES**

Panels  
 Security inserts and handles  
 Gland Plates  
 Stopping plugs  
 Vent/drains  
 Hazardous Location Thermostat  
 Hazardous Location Heater

**NOTES**

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 detail).

**MODIFICATION AND CUSTOMIZATION**

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  
 Side-mount brackets available  
 Holes and cutouts  
 Paint  
 DIN rails  
 Ground bars  
 Terminal block installation and marking  
 Tagging  
 Accessory installations: drain/breathers and stopping plugs

**BULLETIN: HL**
**INDUSTRY STANDARDS**
**ATEX Directive 94/9/EC**
**ATEX**

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

**APPLICATION**

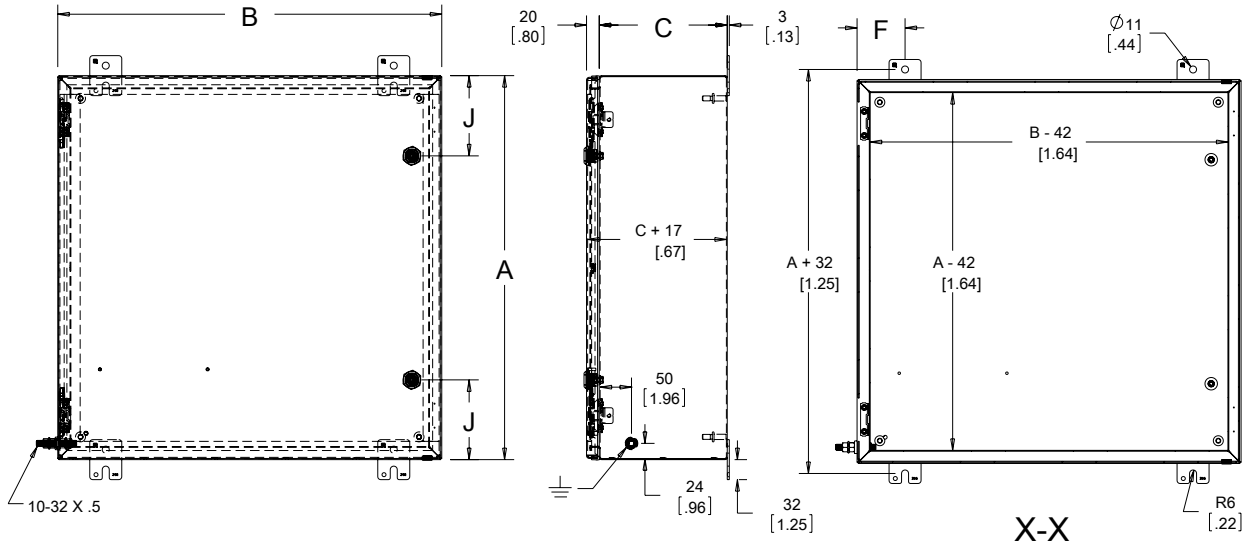
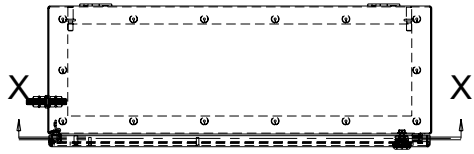
ZONEX™ Enclosures are designed and certified to meet ATEX Directive 94/9/EC as well as IECEx standards for increased safety in housing electrical components in Zone 1 and Zone 2 applications.

**Hoffman's ATEX Ex e enclosures are not intended for use in explosion-proof or flame-proof applications.**

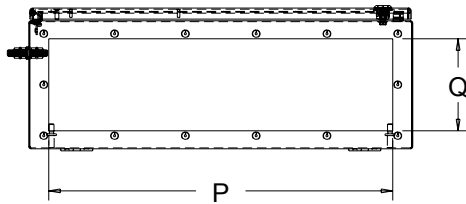


## Standard Product

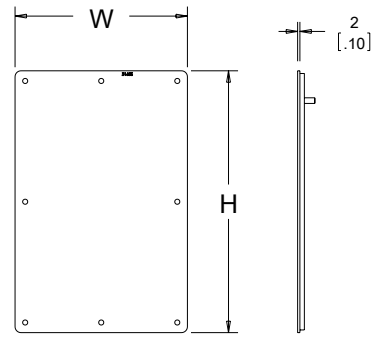
Catalog Number	AxBxC mm/in.	F mm/in.	J mm/in.	P mm/in.	Q mm/in.	No. of latches	Optional Panel
EXE12126SS61	305 x 305 x 152	32	152	241	95	1	CP1212G
	12.00 x 12.00 x 6.00	1.25	6.00	9.50	3.75		
EXE12128SS61	305 x 305 x 203	1.25	152	241	146	1	CP1212G
	12.00 x 12.00 x 8.00	1.25	6.00	9.50	5.75		
EXE16126SS61	406 x 305 x 152	76	203	241	95	1	CP1612G
	16.00 x 12.00 x 6.00	3.00	8.00	9.50	3.75		
EXE16128SS61	406 x 305 x 203	76	203	241	146	1	CP1612G
	16.00 x 12.00 x 8.00	3.00	8.00	9.50	5.75		
EXE16166SS61	406 x 406 x 152	76	203	343	95	1	CP1616G
	16.00 x 16.00 x 6.00	3.00	8.00	13.50	3.75		
EXE16168SS61	406 x 406 x 203	76	203	343	146	1	CP1616G
	16.00 x 16.00 x 8.00	3.00	8.00	13.50	5.75		
EXE20166SS61	508 x 406 x 152	76	254	343	95	1	CP2016G
	20.00 x 16.00 x 6.00	3.00	10.00	13.50	3.75		
EXE20168SS61	508 x 406 x 203	76	254	343	146	1	CP2016G
	20.00 x 16.00 x 8.00	3.00	10.00	13.50	5.75		
EXE20208SS61	508 x 508 x 203	76	254	445	146	1	CP2020G
	20.00 x 20.00 x 8.00	3.00	10.00	17.50	5.75		
EXE24208SS61	610 x 508 x 203	76	305	445	146	1	CP2420G
	24.00 x 20.00 x 8.00	3.00	12.00	17.50	5.75		
EXE24248SS61	610 x 610 x 203	76	305	546	146	2	CP2424G
	24.00 x 24.00 x 8.00	3.00	12.00	21.50	5.75		
EXE242412SS61	610 x 610 x 305	76	305	546	178	2	CP2424G
	24.00 x 24.00 x 12.00	3.00	12.00	21.50	7.00		
EXE30208SS61	762 x 508 x 203	76	381	445	146	2	CP3020G
	30.00 x 20.00 x 8.00	3.00	15.00	17.50	5.75		
EXE30248SS61	762 x 610 x 203	76	381	546	146	2	CP3024G
	30.00 x 24.00 x 8.00	3.00	15.00	21.50	5.75		
EXE303012SS61	762 x 762 x 305	76	381	546	178	2	CP3030G
	30.00 x 30.00 x 12.00	3.00	15.00	21.50	7.00		
EXE36248SS61	914 x 610 x 203	76	457	546	146	2	CP3624G
	36.00 x 24.00 x 8.00	3.00	18.00	21.50	5.75		



89083150



## GLAND PLATE



89083184

BULLETIN: HL2

## Standard Product Gland Plate

Catalog Number	Description	Cutout Size mm/in.	W x H mm/in.
GPS126SS6	Gland plate for 12-in. x 6-in. side with ground	191 x 95 7.50 x 3.75	228 x 133 8.98 x 5.23
GPS128SS6	Gland plate for 12-in. x 8-in. side with ground	191 x 146 7.50 x 5.75	228 x 184 8.98 x 7.23
GP126SS6	Gland plate for 12-in. x 6-in. surface without ground	241 x 95 9.50 x 3.75	279 x 133 10.98 x 5.23
GP128SS6	Gland plate for 12-in. x 8-in. surface without ground	241 x 146 9.50 x 5.75	279 x 184 10.98 x 7.23
GP166SS6	Gland plate for 16-in. x 6-in. surface without ground	343 x 95 13.50 x 3.75	380 x 133 14.98 x 5.23
GP168SS6	Gland plate for 16-in. x 8-in. surface without ground	343 x 146 13.50 x 5.75	380 x 184 14.98 x 7.23
GP206SS6	Gland plate for 20-in. x 6-in. surface without ground	445 x 95 17.50 x 3.75	482 x 133 18.98 x 5.23
GP208SS6	Gland plate for 20-in. x 8-in. surface without ground	446 x 146 17.50 x 5.75	482 x 184 18.98 x 5.23
GP248SS6	Gland plate for 24-in. x 8-in. surface without ground	546 x 146 21.50 x 5.75	584 x 184 22.98 x 7.23
GP2412SS6	Gland plate for 24-in. x 12-in. surface without ground	246 x 178 21.50 x 7.00	584 x 215 22.98 x 8.48

GP2412SS6 is also used on 30-in. wide, 12-in. deep standard enclosure bottom.

## ATEX DIRECTIVE AND CLASSIFICATION SYSTEM

Since 2003, manufacturers across the European Union (EU) have been obliged to comply with strict new EU directives governing safety in explosive atmospheres. Called ATEX (from the French *ATmosphères EXplosives*), ATEX Directive 94/9/EC has an impact not only on European manufacturers, but also on non-European makers of industrial equipment wishing to sell in Europe.

Two of the most common classification systems for hazardous locations are the NEC Division Classification system and the Zone Classification system used by the European Union (EU) and the International Electrotechnical Commission (IEC).

Article 500 of the NEC also classifies hazardous locations according to the properties of the flammable vapors, liquids or gases, or according to the combustible dusts or fibers that may be present and the likelihood that a flammable or combustible concentration or quantity is present. Articles 505 and 506 of the NEC refer to zone classifications. Refer to the Technical Information section of the Specifier's Guide for specific definitions and additional information.

**Hoffman's ATEX enclosures are not intended for use in explosion-proof or flame-proof (Ex d) applications.**

## NEC Divisions and IEC Zones (Not Interchangeable)

Frequency of Hazard Occurrence	NEC Division Classification System	EU and IEC Zone Classification System
Continuous Hazard	Division 1	Zone 0
Intermittent, Periodic Hazards	Division 1	Zone 1
Abnormal Condition Hazard	Division 2	Zone 2