

## ZONEX NON-METALLIC TERMINAL ENCLOSURE



### INDUSTRY STANDARDS

**ATEX Directive 2014/34/EU**

**ATEX**

IBExU16ATEX1234U

Ex e IIC Gb

Ex ta IIIC Da IP66

EN60079-0

EN60079-7

EN60079-31

Service temperature -55C to +135C

**IECEX**

IECEX IBE16.0049U

Ex e IIC Gb

Ex ta IIIC Da IP66

IEC 60079-0

IEC 60079-7

IEC 60079-31

Service temperature -55C to +135C

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

UL508A Listed

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

NEMA / EEMAC Type 4, 4X, 12

IEC 60529, IP66

### APPLICATION

ZONEX Non-Metallic Terminal Enclosure is ideal for field terminations in hazardous locations. The enclosure meets national and international standards and certifications. It can be used to protect equipment and terminations from corrosive contaminants while meeting rigorous demands. The cabinet is ideal for either panel- or din-mounted components. The enclosure meets ATEX Directives 94/9/EC and IECEx standards for increased safety in housing electrical components in Zone 1 and Zone 2 applications.

### FEATURES

- Compression-molded, high-impact strength, fiberglass body and cover
- Cover includes recessed, retained, combination head (Straight blade, Phillips and Torx drive) M4 or M6 stainless steel Type 316 screws
- Retained, continuous, high-temperature silicon gasket within a labyrinth seal between cover and body
- Durable and reusable, internal M4 or M6 stainless steel inserts for DIN- and Panel-mounting
- Covered mounting screw provisions outside of gasketed area, sized M4 (#8) or M6 (1/4-in.)
- Mounting location dimensions are molded into the back side of the enclosure
- Panel mounting screws included, M4 or M6

### SPECIFICATIONS

- Compression-molded fiberglass with added agents to address static charge build-up
- High-impact strength as well as high temperature-rated
- Increased Safety: Ex e applications
- Optional panels are pre-plated steel, 1.5mm (16 ga.) thick; or 2mm composite

### FINISH

- Molded material has a smooth, low-gloss, black finish
- Cover screws are matte stainless steel finish

### ACCESSORIES

Panels  
DIN Rails  
Terminals

### NOTES

Intrinsically safe terminal blocks can be installed through modification program to provide a populated enclosure. IECEx populated enclosures require IECEx certified components specifically listed in the approving Certification (see IECEx SIR 09.0100 for more detail).

### MODIFICATION AND CUSTOMIZATION

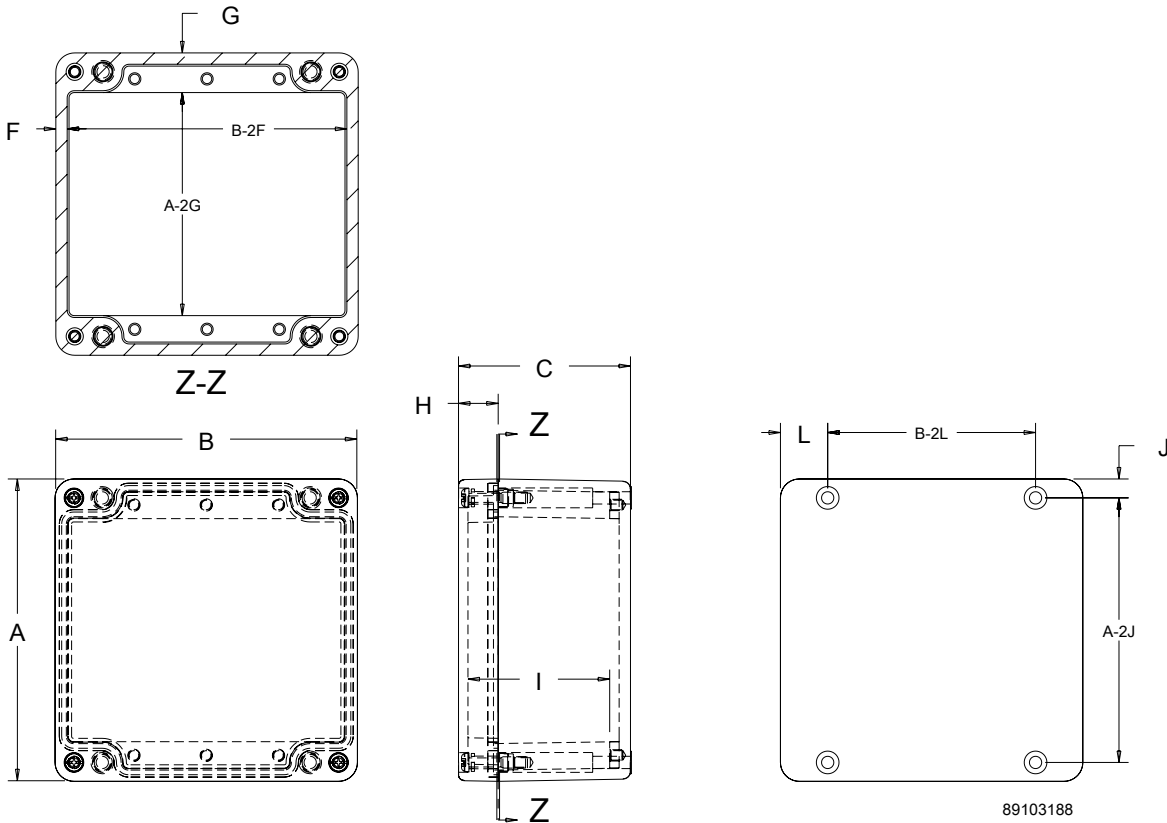
Hoffman excels at modifying and customizing products to your specifications. Hoffman offers a ZONEX-specific modification program. Contact your local Hoffman Representative or Distributor for more information.

### BULLETIN: HL3

### Standard Product

Catalog Number	AxBxC in./mm	F in./mm	G in./mm	H in./mm	I in./mm	J in./mm	Mounting Screw Size in./mm	Panel	Panel Material	Panel Size in./mm
EXE807555	3.15x2.95x2.17	.17	.57	.59	1.65	.23	#8	A8075P	Composite	2.72x2.52x.08
	80 x 75 x 55	4	15	15	42	6	4			
EXE1107555	4.33x2.95x2.17	.17	.57	.59	1.65	.24	#8	A11075P	Composite	3.90x2.52x.08
	110 x 75 x 55	4	15	15	42	6	4			
EXE1607555	6.30x2.95x2.17	.17	.57	.59	1.65	.24	#8	A16075P	Composite	5.87x2.52x.08
	160 x 75 x 55	4	15	15	42	6	4			
EXE1907555	7.48x2.95x2.17	.17	.57	.59	1.65	.23	#8	A19075P	Composite	7.05x2.52x.08
	190 x 75 x 55	4	15	15	42	6	4			
EXE807575	3.15x2.95x2.95	.16	.56	.59	2.44	.23	#8	A8075P	Composite	2.72x2.52x.08
	80 x 75 x 75	4	15	15	62	6	4			
EXE1107575	4.33x2.95x2.95	.16	.56	.59	2.44	.24	#8	A11075P	Composite	3.90x2.52x.08
	110 x 75 x 75	4	15	15	62	6	4			
EXE1607575	6.30x2.95x2.95	.16	.56	.59	2.44	.24	#8	A16075P	Composite	5.87x2.52x.08
	160 x 75 x 75	4	15	15	62	6	4			
EXE1907575	7.48x2.95x2.95	.16	.56	.59	2.44	.24	#8	A19075P	Composite	7.05x2.52x.08
	190 x 75 x 75	4	15	15	62	6	4			

Catalog Number	AxBxC in./mm	F in./mm	G in./mm	H in./mm	I in./mm	J in./mm	Mounting Screw Size in./mm	Panel	Panel Material	Panel Size in./mm
EXE12212090	4.80 x 4.72 x 3.54	.17	.75	.98	2.91	.32	1/4	A122120P	Plated Steel	4.25 x 4.21 x .06
	122 x 120 x 90	4	19	25	74	8	6			108 x 107 x 1.5
EXE22012090	8.66 x 4.72 x 3.54	.17	.75	.98	2.95	.32	1/4	A220120P	Plated Steel	8.11 x 4.21 x .06
	220 x 120 x 90	4	19	25	75	8	6			206 x 107 x 1.5
EXE16016090	6.30 x 6.30 x 3.54	.23	.79	.83	2.95	.39	1/4	A160160P	Plated Steel	5.63 x 5.70 x .06
	160 x 160 x 90	6	20	21	75	10	6			143 x 144 x 1.5
EXE26016090	10.24 x 6.30 x 3.54	.23	.79	.83	2.95	.39	1/4	A260160P	Plated Steel	9.61 x 5.70 x .06
	260 x 160 x 90	6	20	21	75	10	6			244 x 144 x 1.5
EXE36016090	14.17 x 6.30 x 3.54	.23	.79	.83	2.95	.39	1/4	A360160P	Plated Steel	13.54 x 5.70 x .06
	360 x 160 x 90	6	20	21	75	10	6			344 x 144 x 1.5
EXE56016090	22.05 x 6.30 x 3.54	.21	.77	.83	2.95	.39	1/4	A560160P	Plated Steel	21.38 x 5.70 x .06
	560 x 160 x 90	5	20	21	75	10	6			543 x 144 x 1.5
EXE255250120	10.04 x 9.84 x 4.72	.22	.79	.98	4.09	.39	1/4	A255250P	Plated Steel	9.45 x 9.17 x .06
	255 x 250 x 120	6	20	25	104	10	6			240 x 233 x 1.5
EXE400250120	15.75 x 9.84 x 4.72	.22	.79	.98	4.09	.39	1/4	A400250P	Plated Steel	15.12 x 9.17 x .06
	400 x 250 x 120	6	20	25	104	10	6			384 x 233 x 1.5
EXE400405120	15.75 x 15.94 x 4.72	.23	.79	.98	4.09	.39	1/4	A400405P	Plated Steel	15.16 x 15.35 x .06
	400 x 405 x 120	6	20	25	104	10	6			385 x 390 x 1.5



**PANELS FOR ZONEX NON-METALLIC TERMINAL ENCLOSURE**

Panels for ZonEx Non-Metallic Terminal Enclosures are plated steel, 1.5mm (16 ga.) thick; or 2mm composite.

**BULLETIN: HL3**

Catalog Number	AxBxC in.	AxBxC mm	Material
A8075P	2.72 x 2.52 x 0.08	69 x 64 x 2	Composite
A11075P	3.90 x 2.52 x 0.08	99 x 64 x 2	Composite
A16075P	5.87 x 2.52 x 0.08	149 x 64 x 2	Composite
A19075P	7.05 x 2.52 x 0.08	179 x 64 x 2	Composite
A122120P	4.25 x 4.21 x 0.06	108 x 107 x 2	Plated Steel
A220120P	8.11 x 4.21 x 0.06	206 x 107 x 2	Plated Steel
A160160P	5.65 x 5.67 x 0.06	144 x 144 x 2	Plated Steel
A260160P	9.61 x 5.67 x 0.06	244 x 144 x 2	Plated Steel
A360160P	13.54 x 5.67 x 0.06	344 x 144 x 2	Plated Steel
A560160P	21.38 x 5.67 x 0.10	543 x 144 x 3	Plated Steel
A255250P	9.45 x 9.17 x 0.06	240 x 233 x 2	Plated Steel
A400250P	15.12 x 9.17 x 0.06	384 x 233 x 2	Plated Steel
A400405P	15.16 x 15.35 x 0.06	385 x 390 x 2	Plated Steel