

ZONEX NON-METALLIC TERMINAL ENCLOSURE



INDUSTRY STANDARDS

ATEX Directive 94/9/EC

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

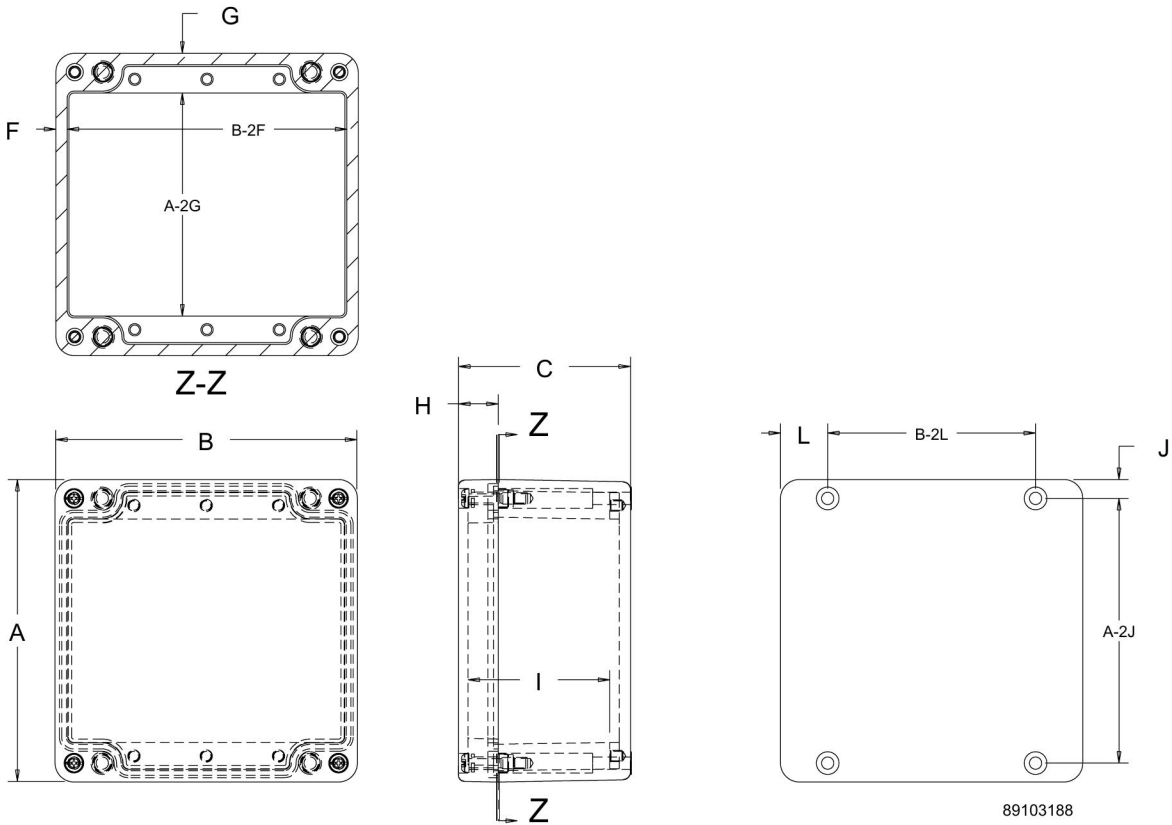
Hoffman excels at modifying and customizing products to your specifications. Hoffman offers a ZONEX-specific modification program. Contact your local Hoffman Representative or Distributor for more information.

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 | 3.15 x 2.95 x 2.17 80 x 75 x 55 | .17 4 | .57 15 | .59 15 | 1.65 42 | .23 6 | #8 4 | A8075P | Composite | 2.72 x 2.52 x .08 69 x 64 x 2 |
| EXE1107555 | 4.33 x 2.95 x 2.17 110 x 75 x 55 | .17 4 | .57 15 | .59 15 | 1.65 42 | .24 6 | #8 4 | A11075P | Composite | 3.90 x 2.52 x .08 99 x 64 x 2 |
| EXE1607555 | 6.30 x 2.95 x 2.17 160 x 75 x 55 | .17 4 | .57 15 | .59 15 | 1.65 42 | .24 6 | #8 4 | A16075P | Composite | 5.87 x 2.52 x .08 149 x 64 x 2 |
| EXE1907555 | 7.48 x 2.95 x 2.17 190 x 75 x 55 | .17 4 | .57 15 | .59 15 | 1.65 42 | .23 6 | #8 4 | A19075P | Composite | 7.05 x 2.52 x .08 179 x 64 x 2 |
| EXE807575 | 3.15 x 2.95 x 2.95 80 x 75 x 75 | .16 4 | .56 15 | .59 15 | 2.44 62 | .23 6 | #8 4 | A8075P | Composite | 2.72 x 2.52 x .08 69 x 64 x 2 |
| EXE1107575 | 4.33 x 2.95 x 2.95 110 x 75 x 75 | .16 4 | .56 15 | .59 15 | 2.44 62 | .24 6 | #8 4 | A11075P | Composite | 3.90 x 2.52 x .08 99 x 64 x 2 |
| EXE1607575 | 6.30 x 2.95 x 2.95 160 x 75 x 75 | .16 4 | .56 15 | .59 15 | 2.44 62 | .24 6 | #8 4 | A16075P | Composite | 5.87 x 2.52 x .08 149 x 64 x 2 |
| EXE1907575 | 7.48 x 2.95 x 2.95 190 x 75 x 75 | .16 4 | .56 15 | .59 15 | 2.44 62 | .24 6 | #8 4 | A19075P | Composite | 7.05 x 2.52 x .08 179 x 64 x 2 |

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

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| 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 |