

ZONEX NON-METALLIC TERMINAL ENCLOSURE

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 enclosures meet ATEX Directives 2014/35/EU and IECEx standards for increased safety in housing electrical components in Zone 1 and Zone 2 applications.



FEATURES & BENEFITS

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 (¼-in.)

Mounting location dimensions are molded into the back side of the enclosure

Panel mounting screws included, M4 or M6

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

SPECIFICATIONS

Color Black

Finish Smooth Low Gloss

Thickness 4.1 mm

Table 1/2

Catalog Number	Height	Width	Depth	Protection Rating	Material	Mounting Screw Size
EXE12212090	122 mm	120 mm	90 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE22012090	220 mm	120 mm	90 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE16016090	160 mm	160 mm	90 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE26016090	260 mm	160 mm	90 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE36016090	360 mm	160 mm	90 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE56016090	560 mm	160 mm	90 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE255250120	255 mm	250 mm	120 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE400250120	400 mm	250 mm	120 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE400405120	400 mm	405 mm	120 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE400405165	400 mm	405 mm	165 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	6
EXE1107555	110 mm	75 mm	55 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4
EXE1107575	110 mm	75 mm	75 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4
EXE1607555	160 mm	75 mm	55 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4
EXE1607575	160 mm	75 mm	75 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4
EXE1907555	190 mm	75 mm	55 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4
EXE1907575	190 mm	75 mm	75 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4
EXE807555	80 mm	75 mm	55 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4

Catalog Number	Height	Width	Depth	Protection Rating	Material	Mounting Screw Size
EXE807575	80 mm	75 mm	75 mm	NEMA Type 12; NEMA Type 4; NEMA Type 4X	Fiberglass	4

Table 2/2

Catalog Number	Mounting Screw Size	Panel	Panel Size	Panel Material
EXE12212090	1/4	A122120P	108 x 107 x 1.5 mm	Plated Steel
EXE22012090	1/4	A220120P	206 x 107 x 1.5 mm	Plated Steel
EXE16016090	1/4	A160160P	143 x 144 x 1.5 mm	Plated Steel
EXE26016090	1/4	A260160P	244 x 144 x 1.5 mm	Plated Steel
EXE36016090	1/4	A360160P	344 x 144 x 1.5 mm	Plated Steel
EXE56016090	1/4	A560160P	543 x 144 x 2.5 mm	Plated Steel
EXE255250120	1/4	A255250P	240 x 233 x 1.5 mm	Plated Steel
EXE400250120	1/4	A400250P	384 x 233 x 1.5 mm	Plated Steel
EXE400405120	1/4	A400405P	385 x 390 x 1.5 mm	Plated Steel
EXE400405165	1/4	A400405P	385 x 390 x 1.5 mm	Composite
EXE1107555	#8	A11075P	99 x 64 x 2 mm	Composite
EXE1107575	#8	A11075P	99 x 64 x 2 mm	Composite
EXE1607555	#8	A16075P	149 x 64 x 2 mm	Composite
EXE1607575	#8	A16075P	149 x 64 x 2 mm	Composite
EXE1907555	#8	A19075P	179 x 64 x 2 mm	Composite
EXE1907575	#8	A19075P	179 x 64 x 2 mm	Composite
EXE807555	#8	A8075P	69 x 64 x 2 mm	Composite
EXE807575	#8	A8075P	69 x 64 x 2 mm	Composite

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).

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