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.

INDUSTRY STANDARDS

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

UL508A Listed

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

ATEX Directive 2014/34/EU

ATEX

IBExU16ATEX1234U

Ex eb IIC Gb

Ex ta IIIC Da IP66

EN60079-0

EN60079-7

EN60079-31

Service temperature -55C to +135C

IECEx

IECEx IBE16.0049U

Ex eb IIC Gb

Ex ta IIIC Da IP66

IEC 60079-0

IEC 60079-7

IEC 60079-31

Service temperature -55C to +135C

NEMA / EEMAC Type 4, 4X, 12

IEC 60529, IP66

FEATURES

Compression-molded, high-impact strength, polyester 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
Material: Fiberglass
Finish: Smooth Gloss

Table 1/1						
Catalog Number	Height	Width	Depth	Thickness	Mounting Screw Size	Quick Ship
EXE1107555	110mm	75mm	55mm	4.1mm	M4	No
EXE1107575	110mm	75mm	75mm	4.1mm	M4	No
EXE12212090	122mm	120mm	90mm	4.1mm	M6	No
EXE16016090	160mm	160mm	90mm	4.1mm	M6	No
EXE1607555	160mm	75mm	55mm	4.1mm	M4	No
EXE1607575	160mm	75mm	75mm	4.1mm	M4	No
EXE1907555	190mm	75mm	55mm	4.1mm	M4	No
EXE1907575	190mm	75mm	75mm	4.1mm	M4	No
EXE22012090	220mm	120mm	90mm	4.1mm	M6	No
EXE255250120	255mm	250mm	120mm	4.1mm	M6	No
EXE26016090	260mm	160mm	90mm	4.1mm	M6	No
EXE36016090	360mm	160mm	90mm	4.1mm	M6	No
EXE400250120	400mm	250mm	120mm	4.1mm	M6	No
EXE400405120	400mm	405mm	120mm	4.1mm	M6	No
EXE56016090	560mm	160mm	90mm	4.1mm	M6	No
EXE807555	80mm	75mm	55mm	4.1mm	M4	No

Catalog Number	Height	Width	Depth	Thickness	Mounting Screw Size	Quick Ship
EXE807575	80mm	75mm	75mm	4.1mm	M4	No
EXE400405165	400mm	405mm	165mm	4.1mm	M6	No

ADDITIONAL PRODUCT DETAILS

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).

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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