



# vynckier

## ENCLOSURE SYSTEMS INC.



### APO DT Enclosures - NEMA 4X Rated Non-Metallic Enclosures

#### \*\* Suffix

**DT:** Non-metallic corner screws

**DTH:** Non-metallic hinges and non-metallic corner screws

**DTHPL:** Non-metallic hinges and stainless steel padlockable latch(es)

**E1:** One extension collar

**E2:** Two extension collars

**E3:** Three extension collars

**E4:** Four extension collars

**E5:** Five extension collars

*Extension collars not available for A51*

#### Features

- 5 available sizes from 12" x 7" to 24" x 12" (H x W).
- Enclosures are maintenance free and corrosion resistant.
- Bases and covers are made from hot compression molded halogen free, self extinguishing fiberglass reinforced polyester (FRP) that can withstand continuous temperatures up to 158°F (70°C) and momentary exposure to 302°F (150°C).
- Inspection windows are made from transparent polycarbonate that can withstand continuous temperatures to 248°F (120°C).
- Included thumb screw inserts allow quick window opening for access to interior components.
- All enclosures can be easily modified to customer specifications.
- Gaskets are made from continuously poured polyurethane foam.
- Brass M4 threaded inserts are factory installed for mounting plate attachment.
- 4 to 6 bosses suitable for M6 threaded inserts are molded into the base (dependant on enclosure size).
- Maintain UL / CSA Type 4x with up to 5 extension collars.

#### Applications

APO enclosures with DT Covers are designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings and electrical control enclosures in highly corrosive environments where easy viewing and access is essential.

#### Standards

IEC 60529 (IP67)

IEC 62262 (IK10)

IEC 60439-1

IEC 62208

EN 60529 (IP67)

EN 62262 (IK10)

EN 60439-1

EN 62208

#### Approvals

UL Listed Types 3, 3R, 4, 4X, 12 & 13

CSA 3, 3R, 4, 4X, 12 & 13

LLOYD'S Register of Shipping

KEMA



APO DT Series Data Sheet

Rev 01/12/16





## APO DT Series Data Sheet

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Front Plate
**suffix (ex. A1-1207E1DTHPL2)	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	A: Aluminum
A31-1207**DT A31-1207**DTH A31-1207**DTHPL2	11.89 x 7.32 x 6.93 (302 x 186 x 176)	11.10 x 6.54 x 6.43 (282 x 166 x 163)	4 (1.81)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212**DT A41-1212**DTH A41-1212**DTHPL2	11.89 x 11.89 x 6.93 (302 x 302 x 176)	11.10 x 11.10 x 6.43 (282 x 282 x 163)	5 (2.27)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412**DT A71-1412**DTH A71-1412**DTHPL2	14.65 x 11.89 x 6.93 (372 x 302 x 176)	13.86 x 11.10 x 6.43 (352 x 282 x 163)	6 (2.72)	BP1412A BP1412S BP1412N	AFP1412A
A51-1912DT A51-1912DTH A51-1912DTHPL2	19.20 x 11.89 x 6.93 (488 x 302 x 176)	18.40 x 11.10 x 6.43 (467 x 282 x 163)	7.5 (3.40)	BP1912A BP1912S BP1912N	AFP1912A
A61-2412**DT A61-2412**DTH A61-2412**DTHPL2	23.74 x 11.89 x 6.93 (603 x 302 x 176)	22.91 x 11.10 x 6.43 (582 x 282 x 163)	10 (4.54)	BP2412A BP2412S BP2412N	AFP2412A

Rev 01/12/16

