

NEMA TYPE 9

For use in Class II Division 1 and 2 locations as defined in Article 500 of the National Electrical Code as having the presence of combustible dusts.



FEATURES & BENEFITS

Ends are .38-in. (10-mm) steel plate to provide a minimum of 3.50 full threads for conduit sizes through 2.00 in. (51 mm)

Covers are .25-in. (6-mm) thick to allow mounting of NEMA 9 pushbuttons and pilot lights, which require threaded holes (3/4-14 NPSM thread)

Heavy duty cover hinges on enclosures when "A" is 20.00 in. (508 mm) or more

Fiber gasket, mechanically attached to cover, assures dust-tight enclosure

Weldnuts or collar studs provided for mounting optional panel

SPECIFICATIONS

Body Thickness 4.8 mm

Color Gray

Color Code ANSI 61

Door Thickness 6.4 mm

Finish Powder Coated

Table 1/2

| Catalog Number | Height | Width | Depth | Protection Rating | Material | Panel Size |
|----------------|--------|-------|-------|-------------------|----------|------------|
|----------------|--------|-------|-------|-------------------|----------|------------|

| | | | | | | |
|----------|---------|--------|--------|-------------|------------|---------------|
| A10D84 | 254 mm | 203 mm | 102 mm | NEMA Type 9 | Mild Steel | 210 x 159 mm |
| A12D106 | 305 mm | 254 mm | 152 mm | NEMA Type 9 | Mild Steel | 260 x 210 mm |
| A12D128 | 305 mm | 305 mm | 203 mm | NEMA Type 9 | Mild Steel | 260 x 260 mm |
| A16D128 | 406 mm | 305 mm | 203 mm | NEMA Type 9 | Mild Steel | 330 x 229 mm |
| A16D168 | 406 mm | 406 mm | 203 mm | NEMA Type 9 | Mild Steel | 330 x 330 mm |
| A20D168 | 508 mm | 406 mm | 203 mm | NEMA Type 9 | Mild Steel | 432 x 330 mm |
| A20D208 | 508 mm | 508 mm | 203 mm | NEMA Type 9 | Mild Steel | 432 x 432 mm |
| A24D208 | 610 mm | 508 mm | 203 mm | NEMA Type 9 | Mild Steel | 533 x 432 mm |
| A24D2410 | 610 mm | 610 mm | 254 mm | NEMA Type 9 | Mild Steel | 533 x 533 mm |
| A30D2410 | 762 mm | 610 mm | 254 mm | NEMA Type 9 | Mild Steel | 686 x 533 mm |
| A36D2410 | 914 mm | 610 mm | 254 mm | NEMA Type 9 | Mild Steel | 838 x 533 mm |
| A36D3012 | 914 mm | 762 mm | 305 mm | NEMA Type 9 | Mild Steel | 838 x 686 mm |
| A48D3612 | 1219 mm | 914 mm | 305 mm | NEMA Type 9 | Mild Steel | 1143 x 838 mm |
| A8D64 | 203 mm | 152 mm | 102 mm | NEMA Type 9 | Mild Steel | 159 x 108 mm |

Table 2/2

| Catalog Number | Overall Dimensions | Mounting | Panel | Mounting Hole Quantity |
|-----------------------|---------------------------|-----------------|--------------|-------------------------------|
| A10D84 | 318 x 276 mm | 197 x 244 mm | A10N8P | 4 |
| A12D106 | 368 x 327 mm | 248 x 295 mm | A12N10P | 4 |
| A12D128 | 368 x 378 mm | 248 x 346 mm | A12N12P | 4 |
| A16D128 | 470 x 378 mm | 349 x 346 mm | A16P12 | 4 |
| A16D168 | 470 x 480 mm | 349 x 448 mm | A16P16 | 4 |
| A20D168 | 572 x 480 mm | 375 x 448 mm | A20P16 | 4 |
| A20D208 | 572 x 581 mm | 375 x 549 mm | A20P20 | 4 |
| A24D208 | 673 x 581 mm | 476 x 549 mm | A24P20 | 4 |
| A24D2410 | 673 x 683 mm | 476 x 651 mm | A24P24 | 4 |
| A30D2410 | 826 x 683 mm | 629 x 651 mm | A30P24 | 6 |
| A36D2410 | 978 x 683 mm | 781 x 651 mm | A36P24 | 6 |
| A36D3012 | 978 x 835 mm | 781 x 803 mm | A36P30 | 6 |
| A48D3612 | 1283 x 988 mm | 1086 x 956 mm | A48P36 | 8 |
| A8D64 | 267 x 226 mm | 146 x 194 mm | A8N6P | 4 |

Note: Class II enclosures must have minimum of 3.50 full threads at all conduit entrances. NEMA requires conduit entrances to

be in top and/or bottom of enclosure. Tapped holes for conduit should have tapered pipe threads.

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