

# ALUMINUM NEMA 4X BOX WITH EMI/RFI SHIELDING



## Ordering Information

| Natural Finish<br>Catalog No. | Black Finish<br>Catalog No. | Overall Dimensions<br>L x W x D<br>Exc. Mtg. Ears<br>(Inches) | Inside dimensions<br>L x W x D*<br>(Inches) | Weight<br>(oz.) |
|-------------------------------|-----------------------------|---------------------------------------------------------------|---------------------------------------------|-----------------|
| ANS-3801                      | ANS-3801-B                  | 3.79 x 3.79 x 1.77                                            | 2.83 x 2.64 x 1.53                          | 10.4            |
| ANS-3803                      | ANS-3803-B                  | 3.79 x 3.79 x 2.64                                            | 2.83 x 2.64 x 2.40                          | 11.6            |
| ANS-3805                      | ANS-3805-B                  | 7.56 x 3.78 x 1.77                                            | 6.69 x 2.91 x 1.54                          | 17.4            |
| ANS-3807                      | ANS-3807-B                  | 7.56 x 3.78 x 2.64                                            | 6.69 x 2.91 x 1.95                          | 19.2            |
| ANS-3809                      | ANS-3809-B                  | 10.79 x 6.81 x 2.60                                           | 9.92 x 5.94 x 2.36                          | 37.7            |
| ANS-3811                      | ANS-3811-B                  | 10.79 x 6.81 x 3.94                                           | 9.92 x 5.94 x 3.70                          | 44.0            |
| ANS-3813                      | ANS-3813-B                  | 5.91 x 3.94 x 1.97                                            | 5.03 x 3.06 x 1.73                          | 17.6            |
| ANS-3815                      | ANS-3815-B                  | 5.91 x 3.94 x 2.95                                            | 5.03 x 3.06 x 2.71                          | 21.5            |
| ANS-3817                      | ANS-3817-B                  | 7.87 x 5.91 x 1.97                                            | 7.00 x 5.03 x 1.73                          | 30.3            |
| ANS-3819                      | ANS-3819-B                  | 7.87 x 5.91 x 2.95                                            | 7.00 x 5.03 x 2.71                          | 35.6            |

\* Inside depth dimension excludes mounting bosses. For clearance above mounting bosses, deduct 0.31" from depth dimension (D).

- Priced, sold and packaged in quantities of one
- In stock, June 1<sup>st</sup>, 2008
- Contact the factory for modifications



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## Tradename

- ANS-Series NEMA 4X

## Benefits and Features

- Rugged #ADC-12 die cast aluminum alloy.
- Thick wall (0.098 inch, 2.5 mm) construction provides strength and rigidity for heavy duty applications.
- One-piece molded outer Silicone gasket provides reliable and long lasting sealing to meet NEMA 4X and IP65 requirements.
- Second wire-mesh with sponge rubber gasket provides excellent EMI/RFI protection.
- Captive cover assembly screws (M4) are located outside the sealing area.
- Recessed area on cover surface for decals.
- Available in natural finish or in smooth black powder-coat finish.
- Easily machined and modified to your particular requirements

## Accessories

- External wall mounting bracket kit available. Order P/N ANX-1390, ANX-1390-B OR ANX-1390-G to match finish.

## Applications

- Sensitive electronic components requiring EMI/RFI shielding.
- Instrument and meter cases
- Junction boxes
- Marine and swimming pool applications
- Wet and dirty industrial applications
- Wash-down environments

## Related Products

- Switches
- Pushbuttons
- Connectors
- Cable Glands

## Key Customer Contacts

- Design Engineers and Designers
- Manufacturing Engineers
- Electronic Engineers and Designers

## Questions to Ask

- Who specifies your enclosures?
- Do you need the durability of a die cast aluminum enclosure?
- Does your product require EMC protection?
- Does your product require protection from a wet or dirty environment?
- Does your application require protection from flooding?

## Competition and Competitive Advantages

- Hammond  
Better and more effective shielding with wiremesh gasket compared to Hammond's metal-to-metal point contacts.



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## Competitive Cross-Reference\*

| <b>Hammond/Rolec</b> | <b>Bud</b> |
|----------------------|------------|
| R111-081-000         | ANS-3801   |
| R110-081-000         | ANS-3803   |
| R111-082-000         | ANS-3813   |
| R110-082-000         | ANS-3815   |
| R111-083-000         | ANS-3805   |
| R110-083-000         | ANS-3807   |
| R111-123-000         | ANS-3817   |
| R110-123-000         | ANS-3819   |
| R111-162-000         | ANS-3809   |
| R110-162-000         | ANS-3811   |

\* Parts shown are approximate match.



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