

NEMA 4, 4X, 6, & 6P Diecast Aluminum Miniature Cases



Features

- Watertight electronic instrument enclosure
- Two piece tongue & groove construction protects against access of dust and water.
- Ideal for repetitive opening and closing.
- Four recessed stainless steel machine screws secure lid into tapped holes.
- Easy to wall mount using "through box blind hole" construction.
- Lid screws are self-captivating. The lid holes are threaded with the first installation of the self-tapping lid screws (except 1590Z060, 1590Z061, 1590Z062, and 1590Z063).

Construction

- Diecast aluminum alloy
- Natural finish aluminum, powder-coated black (BK) finish, or smooth gray (RAL 7001) (GY).

Listings

- North American Mark of Safety - cUL & UL listed. Certified to NEMA 4, 4X, 6, & 6P ratings. standards - File #E71073.
- IP68.



| Enclosure Shipping Schedule | |
|--|-------------|
| Same day | 1 - 15 days |
| Color indicates shipping lead time in business days. | |

| NEMA 4, 4X, 6, & 6P Diecast Aluminum Miniature Cases | | | | | | | | | |
|--|-------------------|----------|-----------------|----------|---------------------------------------|-----------|---------------------|--------------------|---------|
| Part Number | | Price | Part Number | Price | Enclosure Size HxWxD | Lid Depth | Drawing Link | Replacement Gasket | Price |
| Black | Light Gray | | Natural | | | | | | |
| 1590Z060BK* | 1590Z060GY | \$16.00 | 1590Z060 | \$11.25 | 1.97 x 1.77 x 1.18 [50 x 45 x 30] | 6mm | PDF | 1590Z060G | \$1.25 |
| 1590Z061BK* | 1590Z061GY | \$22.50 | 1590Z061 | \$17.50 | 2.52 x 2.28 x 1.38 [64 x 58 x 35] | 5mm | PDF | 1590Z061G | \$1.25 |
| 1590Z100BK | 1590Z100GY | \$24.50 | 1590Z100 | \$20.00 | 3.15 x 2.95 x 2.05 [80 x 75 x 52] | 12mm | PDF | 1590Z100G | \$1.50 |
| 1590Z110BK* | 1590Z110GY | \$24.50 | 1590Z110 | \$20.00 | 3.15 x 2.95 x 2.05 [80 x 75 x 52] | | PDF | 1590Z110G | \$1.50 |
| 1590Z062BK* | 1590Z062GY | \$20.50 | 1590Z062 | \$16.00 | 3.86 x 2.52 x 1.34 [98 x 64 x 34] | 9mm | PDF | 1590Z062G | \$2.00 |
| 1590Z119BK | 1590Z119GY | \$48.00 | 1590Z119 | \$43.00 | 4.80 x 4.72 x 3.23 [122 x 120 x 82] | 21mm | PDF | 1590Z119G | \$3.00 |
| 1590Z120BK* | 1590Z120GY | \$28.50 | 1590Z120 | \$24.00 | 4.92 x 3.15 x 2.32 [125 x 80 x 59] | 16mm | PDF | 1590Z120G | \$2.25 |
| 1590Z063BK* | 1590Z063GY | \$28.00 | 1590Z063 | \$23.50 | 5.91 x 2.52 x 1.42 [150 x 64 x 36] | 10mm | PDF | 1590Z063G | \$2.25 |
| 1590Z160BK | 1590Z160GY | \$64.50 | 1590Z160 | \$58.00 | 6.30 x 6.30 x 3.54 [160 x 160 x 90] | 20mm | PDF | 1590Z160G | \$4.50 |
| 1590Z130BK* | 1590Z130GY | \$33.50 | 1590Z130 | \$28.50 | 6.89 x 3.15 x 2.05 [175 x 80 x 52] | 12mm | PDF | 1590Z130G | \$2.50 |
| 1590Z135BK | 1590Z135GY | \$33.50 | 1590Z135 | \$28.50 | 6.89 x 3.15 x 2.36 [175 x 80 x 60] | 20mm | PDF | 1590Z130G | \$2.50 |
| 1590Z150BK | 1590Z150GY | \$59.00 | 1590Z150 | \$52.50 | 8.70 x 4.76 x 3.19 [221 x 121 x 81] | 21mm | PDF | 1590Z150G | \$3.25 |
| 1590Z155BK | 1590Z155GY | \$62.00 | 1590Z155 | \$55.00 | 8.70 x 4.76 x 3.54 [221 x 121 x 90] | 30mm | PDF | | |
| 1590Z231BK | 1590Z231GY | \$135.00 | 1590Z231 | \$127.00 | 9.06 x 7.87 x 4.33 [230 x 200 x 110] | 20mm | PDF | 1590Z231G | \$9.25 |
| 1590Z140BK | 1590Z140GY | \$51.00 | 1590Z140 | \$44.50 | 9.84 x 3.15 x 2.24 [250 x 80 x 57] | 15mm | PDF | 1590Z140G | \$4.75 |
| 1590Z162BK | 1590Z162GY | \$85.00 | 1590Z162 | \$79.00 | 10.24 x 6.30 x 3.54 [260 x 160 x 90] | 20mm | PDF | 1590Z162G | \$3.25 |
| 1590Z235BK | 1590Z235GY | \$178.00 | 1590Z235 | \$170.00 | 13.03 x 9.09 x 4.41 [331 x 231 x 112] | | PDF | 1590Z235G | \$13.75 |
| 1590Z164BK | 1590Z164GY | \$78.00 | 1590Z164 | \$71.50 | 14.17 x 4.80 x 3.15 [360 x 122 x 80] | | PDF | 1590Z164G | \$4.75 |
| 1590Z166BK | 1590Z166GY | \$121.00 | 1590Z166 | \$113.00 | 14.17 x 6.30 x 3.54 [360 x 160 x 90] | | PDF | 1590Z166G | \$5.50 |

Notes: Dimensions in inches [millimeters].
 * No subpanel available

NEMA 4, 4X, 6, & 6P Diecast Aluminum Miniature Cases Subpanels & Accessories

Enclosure Shipping Schedule

| | |
|----------|-------------|
| Same day | 1 - 15 days |
|----------|-------------|

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NEMA 4, 4X, 6, & 6P Diecast Aluminum Miniature Cases Subpanels

| Part Number | | | Subpanel | Price |
|-------------|------------|----------|------------|--------|
| Black | Light Gray | Natural | | |
| 1590Z160BK | 1590Z160GY | 1590Z160 | 1590Z160PL | \$7.00 |
| 1590Z100BK | 1590Z100GY | 1590Z100 | 1590Z100PL | \$6.25 |
| 1590Z162BK | 1590Z162GY | 1590Z162 | 1590Z162PL | \$7.00 |
| 1590Z119BK | 1590Z119GY | 1590Z119 | 1590Z119PL | \$6.75 |
| 1590Z120BK | 1590Z120GY | 1590Z120 | 1590Z120PL | \$6.50 |
| 1590Z150BK | 1590Z150GY | 1590Z150 | 1590Z150PL | \$6.75 |
| 1590Z155BK | 1590Z155GY | 1590Z155 | 1590Z150PL | \$6.75 |
| 1590Z231BK | 1590Z231GY | 1590Z231 | 1590Z231PL | \$7.25 |
| 1590Z140BK | 1590Z140GY | 1590Z140 | 1590Z140PL | \$7.00 |
| 1590Z235BK | 1590Z235GY | 1590Z235 | 1590Z235PL | \$7.25 |
| 1590Z164BK | 1590Z164GY | 1590Z164 | 1590Z164PL | \$9.50 |
| 1590Z166BK | 1590Z166GY | 1590Z166 | 1590Z166PL | \$7.50 |

Notes: Dimensions in inches [millimeters].

Aluminum Accessory Screws

| Part Number | Price | Qty | Drawing Link |
|---------------|---------|-----|--------------|
| SC1550Z103-50 | \$7.50 | 50 | PDF |
| SCGM4-50 | \$13.75 | 50 | PDF |

Rubber Foot Kits



Rubber Foot Kit

| Part Number | Price | Description | Drawing Link |
|-------------|--------|-----------------------------------|--------------|
| 1421T6CL | \$5.75 | Clear rubber feet. Package of 24. | PDF |

NEMA 4 & 4X Fiberglass Miniature Cases



Features

- Includes gasketed lid with two piece tongue & groove construction.
- Heavy-duty, thick-wall design.
- Lid contains self-captivated stainless steel screws.
- Easy wall mounting via “through-box blind-hole” construction, outside of the gasket.
- Internal mounting shelf & bonding / mounting nuts molded in.

Construction

- Molded from a grey, glass reinforced polyester. Smooth finish.
- Gasket material is Mohogumi rubber (EDPM). Heat resistance 212° F [100° C] to 248° F [120° C], cold -40° F [-40° C].
 - Supplied loose inside the box.

Listings

- North American Mark of Safety - C UL & UL listed. Industrial Control Panel Enclosure.
- Certified to NEMA 4, 4X standards (UL 508A) - File #E65324
- IP66



| Enclosure Shipping Schedule | |
|--|-------------|
| Same day | 1 - 15 days |
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| NEMA 4 & 4X Fiberglass Miniature Cases | | | | | | |
|--|----------|--|-----------|--------------|---------------|---------|
| Part Number | Price | Enclosure Size HxWxD | Lid Depth | Drawing Link | Subpanel | Price |
| 1590ZGRP081 | \$22.50 | 3.15 x 2.95 x 2.17 [80 x 75 x 55] | 15mm | PDF | 1590ZGRP081PL | \$5.50 |
| 1590ZGRP084 | \$24.00 | 3.19 x 2.99 x 2.95 [81 x 76 x 75] | | PDF | 1590ZGRP081PL | \$5.50 |
| 1590ZGRP082 | \$27.50 | 4.33 x 2.95 x 2.17 [110 x 75 x 55] | | PDF | 1590ZGRP082PL | \$5.50 |
| 1590ZGRP121 | \$35.00 | 4.80 x 4.72 x 3.54 [122 x 120 x 90] | 25mm | PDF | 1590ZGRP121PL | \$6.25 |
| 1590ZGRP083 | \$31.00 | 6.30 x 2.95 x 2.17 [160 x 75 x 55] | 15mm | PDF | 1590ZGRP083PL | \$6.00 |
| 1590ZGRP161 | \$49.00 | 6.30 x 6.30 x 3.54 [160 x 160 x 90] | 20mm | PDF | 1590ZGRP161PL | \$7.50 |
| 1590ZGRP131 | \$61.50 | 7.48 x 2.95 x 2.17 [190 x 75 x 55] | 15mm | PDF | 1590ZGRP131PL | \$6.50 |
| 1590ZGRP123 | \$35.50 | 8.66 x 4.72 x 3.58 [220 x 120 x 91] | 25mm | PDF | 1590ZGRP123PL | \$7.25 |
| 1590ZGRP233 | \$72.00 | 9.84 x 7.87 x 4.72 [250 x 200 x 120] | | PDF | 1590ZGRP233PL | \$9.00 |
| 1590ZGRP234 | \$85.00 | 10.04 x 9.84 x 4.72 [255 x 250 x 120] | | PDF | 1590ZGRP234PL | \$10.00 |
| 1590ZGRP235 | \$107.00 | 10.04 x 9.84 x 6.34 [255 x 250 x 161] | 66mm | PDF | 1590ZGRP234PL | \$10.00 |
| 1590ZGRP162 | \$67.00 | 10.24 x 6.30 x 3.54 [260 x 160 x 90] | 20mm | PDF | 1590ZGRP162PL | \$8.50 |
| 1590ZGRP163 | \$77.50 | 14.17 x 6.30 x 3.54 [360 x 160 x 90] | | PDF | 1590ZGRP163PL | \$8.50 |
| 1590ZGRP243 | \$117.00 | 15.75 x 9.84 x 4.72 [400 x 250 x 120] | 25mm | PDF | 1590ZGRP243PL | \$11.75 |
| 1590ZGRP244 | \$117.00 | 15.75 x 9.84 x 6.30 [400 x 250 x 160] | 65mm | PDF | 1590ZGRP243PL | \$11.75 |
| 1590ZGRP253 | \$157.00 | 15.94 x 15.75 x 4.72 [405 x 400 x 120] | 25mm | PDF | 1590ZGRP253PL | \$14.25 |
| 1590ZGRP263 | \$167.00 | 23.62 x 9.84 x 4.72 [600 x 250 x 120] | | PDF | 1590ZGRP263PL | \$19.00 |
| 1590ZGRP264 | \$170.00 | 23.62 x 9.84 x 6.30 [600 x 250 x 160] | 65mm | PDF | 1590ZGRP263PL | \$19.00 |

Note: Dimensions in inches [millimeters].

| Replacement Pole Mounting Accessory Screws | | | |
|--|--------|-----|--------------|
| Part Number | Price | Qty | Drawing Link |
| SCPMB1-20 | \$5.25 | 20 | PDF |
| SCPMB2-20 | \$7.00 | 20 | PDF |
| SCPMB3-20 | \$9.25 | 20 | PDF |