

# NEMA 4, 4X, 6, and 6P Diecast Aluminum Miniature Cases



## Features

- Watertight electronic instrument enclosure
- Two piece tongue and 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 (RAL7001) (GY).

## Listings

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



Shipping Schedule	
Same day	1 - 15 days

Color indicates shipping lead time in business days.

NEMA 4, 4X, 6, and 6P Diecast Aluminum Miniature Cases									
Black	Light Gray	Price	Natural	Price	Enclosure Size HxWxD	Lid Depth	Drawing Link	Replacement Gasket	Price
<a href="#">1590Z060BK*</a>	<a href="#">1590Z060GY</a>	\$20.25	<a href="#">1590Z060</a>	\$14.25	1.97 x 1.77 x 1.18 [50 x 45 x 30]	6 [0.24]	<a href="#">PDF</a>	<a href="#">1590Z060G</a>	\$1.50
<a href="#">1590Z061BK*</a>	<a href="#">1590Z061GY</a>	\$28.50	<a href="#">1590Z061</a>	\$22.00	2.52 x 2.28 x 1.38 [64 x 58 x 35]	5 [0.20]	<a href="#">PDF</a>	<a href="#">1590Z061G</a>	\$1.75
<a href="#">1590Z100BK</a>	<a href="#">1590Z100GY</a>	\$31.50	<a href="#">1590Z100</a>	\$25.00	3.15 x 2.95 x 2.05 [80 x 75 x 52]	12 [0.47]	<a href="#">PDF</a>	<a href="#">1590Z100G</a>	\$2.00
<a href="#">1590Z110BK*</a>	<a href="#">1590Z110GY</a>	\$31.50	<a href="#">1590Z110</a>	\$25.00	3.15 x 2.95 x 2.05 [80 x 75 x 52]	12 [0.47]	<a href="#">PDF</a>	<a href="#">1590Z110G</a>	\$2.00
<a href="#">1590Z062BK*</a>	<a href="#">1590Z062GY</a>	\$26.50	<a href="#">1590Z062</a>	\$20.25	3.86 x 2.52 x 1.34 [98 x 64 x 34]	9 [0.35]	<a href="#">PDF</a>	<a href="#">1590Z062G</a>	\$2.50
<a href="#">1590Z119BK</a>	<a href="#">1590Z119GY</a>	\$61.00	<a href="#">1590Z119</a>	\$55.00	4.80 x 4.72 x 3.23 [122 x 120 x 82]	21 [0.83]	<a href="#">PDF</a>	<a href="#">1590Z119G</a>	\$4.00
<a href="#">1590Z120BK*</a>	<a href="#">1590Z120GY</a>	\$36.50	<a href="#">1590Z120</a>	\$30.50	4.92 x 3.15 x 2.32 [125 x 80 x 59]	16 [0.63]	<a href="#">PDF</a>	<a href="#">1590Z120G</a>	\$3.00
<a href="#">1590Z063BK*</a>	<a href="#">1590Z063GY</a>	\$36.00	<a href="#">1590Z063</a>	\$30.00	5.91 x 2.52 x 1.42 [150 x 64 x 36]	10 [0.39]	<a href="#">PDF</a>	<a href="#">1590Z063G</a>	\$3.00
<a href="#">1590Z160BK</a>	<a href="#">1590Z160GY</a>	\$82.00	<a href="#">1590Z160</a>	\$74.00	6.30 x 6.30 x 3.54 [160 x 160 x 90]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z160G</a>	\$5.75
<a href="#">1590Z130BK*</a>	<a href="#">1590Z130GY</a>	\$42.50	<a href="#">1590Z130</a>	\$36.50	6.89 x 3.15 x 2.05 [175 x 80 x 52]	12 [0.47]	<a href="#">PDF</a>	<a href="#">1590Z130G</a>	\$3.25
<a href="#">1590Z135BK</a>	<a href="#">1590Z135GY</a>	\$42.50	<a href="#">1590Z135</a>	\$36.50	6.89 x 3.15 x 2.36 [175 x 80 x 60]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z135G</a>	\$3.25
<a href="#">1590Z150BK</a>	<a href="#">1590Z150GY</a>	\$75.00	<a href="#">1590Z150</a>	\$67.00	8.70 x 4.76 x 3.19 [221 x 121 x 81]	21 [0.83]	<a href="#">PDF</a>	<a href="#">1590Z150G</a>	\$4.00
<a href="#">1590Z155BK</a>	<a href="#">1590Z155GY</a>	\$79.00	<a href="#">1590Z155</a>	\$70.00	8.70 x 4.76 x 3.54 [221 x 121 x 90]	30 [1.18]	<a href="#">PDF</a>	<a href="#">1590Z155G</a>	\$4.00
<a href="#">1590Z231BK</a>	<a href="#">1590Z231GY</a>	\$172.00	<a href="#">1590Z231</a>	\$162.00	9.06 x 7.87 x 4.33 [230 x 200 x 110]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z231G</a>	\$11.75
<a href="#">1590Z140BK</a>	<a href="#">1590Z140GY</a>	\$65.00	<a href="#">1590Z140</a>	\$57.00	9.84 x 3.15 x 2.24 [250 x 80 x 57]	15 [0.59]	<a href="#">PDF</a>	<a href="#">1590Z140G</a>	\$6.00
<a href="#">1590Z162BK</a>	<a href="#">1590Z162GY</a>	\$108.00	<a href="#">1590Z162</a>	\$100.00	10.24 x 6.30 x 3.54 [260 x 160 x 90]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z162G</a>	\$4.25
<a href="#">1590Z235BK</a>	<a href="#">1590Z235GY</a>	\$226.00	<a href="#">1590Z235</a>	\$216.00	13.03 x 9.09 x 4.41 [331 x 231 x 112]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z235G</a>	\$17.50
<a href="#">1590Z164BK</a>	<a href="#">1590Z164GY</a>	\$99.00	<a href="#">1590Z164</a>	\$91.00	14.17 x 4.80 x 3.15 [360 x 122 x 80]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z164G</a>	\$6.00
<a href="#">1590Z166BK</a>	<a href="#">1590Z166GY</a>	\$154.00	<a href="#">1590Z166</a>	\$143.00	14.17 x 6.30 x 3.54 [360 x 160 x 90]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590Z166G</a>	\$7.25

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

# NEMA 4 and 4X Fiberglass Miniature Cases



## Features

- Includes gasketed lid with two piece tongue and 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 and bonding/ mounting nuts molded in.

## Construction

- Molded from gray or black, 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 and UL listed. Industrial Control Panel Enclosure.
- Certified to NEMA 4 and 4X standards (UL 508A) - File #E65324
- IP66



### Shipping Schedule

Same day	1 - 15 days
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Color indicates shipping lead time in business days.

## NEMA 4 and 4X Fiberglass Miniature Cases

Gray	Price	Black	Price	Enclosure Size HxWxD	Lid Depth	Drawing Link	Subpanel	Price
<a href="#">1590ZGRP081</a>	\$32.00	<a href="#">1590ZGRP081BK</a>	\$32.00	3.15 x 2.95 x 2.17 [80 x 75 x 55]	15 [0.59]	<a href="#">PDF</a>	<a href="#">1590ZGRP081PL</a>	\$8.00
<a href="#">1590ZGRP084</a>	\$34.50	<a href="#">1590ZGRP084BK</a>	\$34.50	3.19 x 2.99 x 2.95 [81 x 76 x 75]	15 [0.59]	<a href="#">PDF</a>	<a href="#">1590ZGRP081PL</a>	\$8.00
<a href="#">1590ZGRP082</a>	\$39.50	<a href="#">1590ZGRP082BK</a>	\$39.50	4.33 x 2.95 x 2.17 [110 x 75 x 55]	15 [0.59]	<a href="#">PDF</a>	<a href="#">1590ZGRP082PL</a>	\$8.00
<a href="#">1590ZGRP121</a>	\$50.00	<a href="#">1590ZGRP121BK</a>	\$50.00	4.80 x 4.72 x 3.54 [122 x 120 x 90]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP121PL</a>	\$9.00
<a href="#">1590ZGRP083</a>	\$44.00	<a href="#">1590ZGRP083BK</a>	\$44.00	6.30 x 2.95 x 2.17 [160 x 75 x 55]	15 [0.59]	<a href="#">PDF</a>	<a href="#">1590ZGRP083PL</a>	\$8.75
<a href="#">1590ZGRP161</a>	\$70.00	<a href="#">1590ZGRP161BK</a>	\$70.00	6.30 x 6.30 x 3.54 [160 x 160 x 90]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590ZGRP161PL</a>	\$10.50
<a href="#">1590ZGRP131</a>	\$88.00	<a href="#">1590ZGRP131BK</a>	\$88.00	7.48 x 2.95 x 2.17 [190 x 75 x 55]	15 [0.59]	<a href="#">PDF</a>	<a href="#">1590ZGRP131PL</a>	\$9.25
<a href="#">1590ZGRP123</a>	\$51.00	<a href="#">1590ZGRP123BK</a>	\$51.00	8.66 x 4.72 x 3.58 [220 x 120 x 91]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP123PL</a>	\$10.50
<a href="#">1590ZGRP233</a>	\$103.00	—	—	9.84 x 7.87 x 4.72 [250 x 200 x 120]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP233PL</a>	\$13.00
<a href="#">1590ZGRP234</a>	\$122.00	<a href="#">1590ZGRP234BK</a>	\$122.00	10.04 x 9.84 x 4.72 [255 x 250 x 120]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP234PL</a>	\$14.50
<a href="#">1590ZGRP235</a>	\$153.00	<a href="#">1590ZGRP235BK</a>	\$153.00	10.04 x 9.84 x 6.34 [255 x 250 x 161]	66 [2.60]	<a href="#">PDF</a>	<a href="#">1590ZGRP234PL</a>	\$14.50
<a href="#">1590ZGRP162</a>	\$96.00	<a href="#">1590ZGRP162BK</a>	\$96.00	10.24 x 6.30 x 3.54 [260 x 160 x 90]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590ZGRP162PL</a>	\$12.25
<a href="#">1590ZGRP163</a>	\$111.00	<a href="#">1590ZGRP163BK</a>	\$111.00	14.17 x 6.30 x 3.54 [360 x 160 x 90]	20 [0.79]	<a href="#">PDF</a>	<a href="#">1590ZGRP163PL</a>	\$12.25
<a href="#">1590ZGRP243</a>	\$167.00	<a href="#">1590ZGRP243BK</a>	\$167.00	15.75 x 9.84 x 4.72 [400 x 250 x 120]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP243PL</a>	\$17.00
<a href="#">1590ZGRP244</a>	\$168.00	<a href="#">1590ZGRP244BK</a>	\$168.00	15.75 x 9.84 x 6.30 [400 x 250 x 160]	65 [2.56]	<a href="#">PDF</a>	<a href="#">1590ZGRP243PL</a>	\$17.00
<a href="#">1590ZGRP253</a>	\$225.00	<a href="#">1590ZGRP253BK</a>	\$225.00	15.94 x 15.75 x 4.72 [405 x 400 x 120]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP253PL</a>	\$20.50
<a href="#">1590ZGRP263</a>	\$239.00	<a href="#">1590ZGRP263BK</a>	\$239.00	23.62 x 9.84 x 4.72 [600 x 250 x 120]	25 [0.98]	<a href="#">PDF</a>	<a href="#">1590ZGRP263PL</a>	\$27.50
<a href="#">1590ZGRP264</a>	\$243.00	<a href="#">1590ZGRP264BK</a>	\$243.00	23.62 x 9.84 x 6.30 [600 x 250 x 160]	65 [2.56]	<a href="#">PDF</a>	<a href="#">1590ZGRP263PL</a>	\$27.50

Note: Dimensions in inches [millimeters].