

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.



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



NEMA 4 and 4X Fiberglass Miniature Cases

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

Note: Dimensions in inches [millimeters].