

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
1590Z060BK*	1590Z060GY	\$18.50	1590Z060	\$13.00	1.97 x 1.77 x 1.18 [50 x 45 x 30]	6 [0.24]	PDF	1590Z060G	\$1.50
1590Z061BK*	1590Z061GY	\$26.00	1590Z061	\$20.50	2.52 x 2.28 x 1.38 [64 x 58 x 35]	5 [0.20]	PDF	1590Z061G	\$1.50
1590Z100BK	1590Z100GY	\$28.50	1590Z100	\$23.00	3.15 x 2.95 x 2.05 [80 x 75 x 52]	12 [0.47]	PDF	1590Z100G	\$1.75
1590Z110BK*	1590Z110GY	\$28.50	1590Z110	\$23.00	3.15 x 2.95 x 2.05 [80 x 75 x 52]	12 [0.47]	PDF	1590Z110G	\$1.75
1590Z062BK*	1590Z062GY	\$24.00	1590Z062	\$18.50	3.86 x 2.52 x 1.34 [98 x 64 x 34]	9 [0.35]	PDF	1590Z062G	\$2.25
1590Z119BK	1590Z119GY	\$56.00	1590Z119	\$50.00	4.80 x 4.72 x 3.23 [122 x 120 x 82]	21 [0.83]	PDF	1590Z119G	\$3.50
1590Z120BK*	1590Z120GY	\$33.50	1590Z120	\$28.00	4.92 x 3.15 x 2.32 [125 x 80 x 59]	16 [0.63]	PDF	1590Z120G	\$2.75
1590Z063BK*	1590Z063GY	\$33.00	1590Z063	\$27.50	5.91 x 2.52 x 1.42 [150 x 64 x 36]	10 [0.39]	PDF	1590Z063G	\$2.75
1590Z160BK	1590Z160GY	\$75.00	1590Z160	\$68.00	6.30 x 6.30 x 3.54 [160 x 160 x 90]	20 [0.79]	PDF	1590Z160G	\$5.25
1590Z130BK*	1590Z130GY	\$39.00	1590Z130	\$33.50	6.89 x 3.15 x 2.05 [175 x 80 x 52]	12 [0.47]	PDF	1590Z130G	\$3.00
1590Z135BK	1590Z135GY	\$39.00	1590Z135	\$33.50	6.89 x 3.15 x 2.36 [175 x 80 x 60]	20 [0.79]	PDF	1590Z135G	\$3.00
1590Z150BK	1590Z150GY	\$68.00	1590Z150	\$61.00	8.70 x 4.76 x 3.19 [221 x 121 x 81]	21 [0.83]	PDF	1590Z150G	\$3.75
1590Z155BK	1590Z155GY	\$72.00	1590Z155	\$64.00	8.70 x 4.76 x 3.54 [221 x 121 x 90]	30 [1.18]	PDF	1590Z155G	\$3.75
1590Z231BK	1590Z231GY	\$157.00	1590Z231	\$148.00	9.06 x 7.87 x 4.33 [230 x 200 x 110]	20 [0.79]	PDF	1590Z231G	\$10.75
1590Z140BK	1590Z140GY	\$59.00	1590Z140	\$52.00	9.84 x 3.15 x 2.24 [250 x 80 x 57]	15 [0.59]	PDF	1590Z140G	\$5.50
1590Z162BK	1590Z162GY	\$99.00	1590Z162	\$92.00	10.24 x 6.30 x 3.54 [260 x 160 x 90]	20 [0.79]	PDF	1590Z162G	\$3.75
1590Z235BK	1590Z235GY	\$207.00	1590Z235	\$198.00	13.03 x 9.09 x 4.41 [331 x 231 x 112]	20 [0.79]	PDF	1590Z235G	\$16.00
1590Z164BK	1590Z164GY	\$91.00	1590Z164	\$83.00	14.17 x 4.80 x 3.15 [360 x 122 x 80]	20 [0.79]	PDF	1590Z164G	\$5.50
1590Z166BK	1590Z166GY	\$141.00	1590Z166	\$131.00	14.17 x 6.30 x 3.54 [360 x 160 x 90]	20 [0.79]	PDF	1590Z166G	\$6.50

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

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



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 Subpanels

Black	Light Gray	Natural	Subpanel	Price	Drawing Link
1590Z160BK	1590Z160GY	1590Z100	1590Z100PL	\$7.50	PDF
1590Z100BK	1590Z100GY	1590Z119	1590Z119PL	\$8.00	PDF
1590Z162BK	1590Z162GY	1590Z120	1590Z120PL	\$7.75	PDF
1590Z119BK	1590Z119GY	1590Z140	1590Z140PL	\$8.25	PDF
1590Z120BK	1590Z120GY	1590Z150	1590Z150PL	\$8.00	PDF
1590Z150BK	1590Z150GY	1590Z155	1590Z150PL	\$8.00	PDF
1590Z155BK	1590Z155GY	1590Z160	1590Z160PL	\$8.25	PDF
1590Z231BK	1590Z231GY	1590Z162	1590Z162PL	\$8.25	PDF
1590Z140BK	1590Z140GY	1590Z164	1590Z164PL	\$11.25	PDF
1590Z235BK	1590Z235GY	1590Z166	1590Z166PL	\$8.75	PDF
1590Z164BK	1590Z164GY	1590Z231	1590Z231PL	\$8.50	PDF
1590Z166BK	1590Z166GY	1590Z235	1590Z235PL	\$8.50	PDF

Aluminum Accessory Screws

Part Number	Price	Qty
SC1550Z103-50	\$9.00	50
SCGM4-50	\$17.00	50

Rubber Foot Kits



Rubber Foot Kit

Part Number	Price	Description	Drawing Link
1421T6CL	\$7.25	Clear rubber feet. Package of 24.	PDF

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
----------	-------------

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
1590ZGRP081	\$27.00	1590ZGRP081BK	\$27.00	3.15 x 2.95 x 2.17 [80 x 75 x 55]	15 [0.59]	PDF	1590ZGRP081PL	\$6.50
1590ZGRP084	\$29.00	1590ZGRP084BK	\$29.00	3.19 x 2.99 x 2.95 [81 x 76 x 75]	15 [0.59]	PDF	1590ZGRP081PL	\$6.50
1590ZGRP082	\$33.00	1590ZGRP082BK	\$33.00	4.33 x 2.95 x 2.17 [110 x 75 x 55]	15 [0.59]	PDF	1590ZGRP082PL	\$6.75
1590ZGRP121	\$42.00	1590ZGRP121BK	\$42.00	4.80 x 4.72 x 3.54 [122 x 120 x 90]	25 [0.98]	PDF	1590ZGRP121PL	\$7.50
1590ZGRP083	\$37.00	1590ZGRP083BK	\$37.00	6.30 x 2.95 x 2.17 [160 x 75 x 55]	15 [0.59]	PDF	1590ZGRP083PL	\$7.25
1590ZGRP161	\$58.00	1590ZGRP161BK	\$58.00	6.30 x 6.30 x 3.54 [160 x 160 x 90]	20 [0.79]	PDF	1590ZGRP161PL	\$8.75
1590ZGRP131	\$74.00	1590ZGRP131BK	\$74.00	7.48 x 2.95 x 2.17 [190 x 75 x 55]	15 [0.59]	PDF	1590ZGRP131PL	\$7.75
1590ZGRP123	\$42.50	1590ZGRP123BK	\$42.50	8.66 x 4.72 x 3.58 [220 x 120 x 91]	25 [0.98]	PDF	1590ZGRP123PL	\$8.75
1590ZGRP233	\$86.00	—	—	9.84 x 7.87 x 4.72 [250 x 200 x 120]	25 [0.98]	PDF	1590ZGRP233PL	\$11.00
1590ZGRP234	\$102.00	1590ZGRP234BK	\$102.00	10.04 x 9.84 x 4.72 [255 x 250 x 120]	25 [0.98]	PDF	1590ZGRP234PL	\$12.00
1590ZGRP235	\$128.00	1590ZGRP235BK	\$128.00	10.04 x 9.84 x 6.34 [255 x 250 x 161]	66 [2.60]	PDF	1590ZGRP234PL	\$12.00
1590ZGRP162	\$80.00	1590ZGRP162BK	\$80.00	10.24 x 6.30 x 3.54 [260 x 160 x 90]	20 [0.79]	PDF	1590ZGRP162PL	\$10.25
1590ZGRP163	\$93.00	1590ZGRP163BK	\$93.00	14.17 x 6.30 x 3.54 [360 x 160 x 90]	20 [0.79]	PDF	1590ZGRP163PL	\$10.25
1590ZGRP243	\$140.00	1590ZGRP243BK	\$140.00	15.75 x 9.84 x 4.72 [400 x 250 x 120]	25 [0.98]	PDF	1590ZGRP243PL	\$14.25
1590ZGRP244	\$140.00	1590ZGRP244BK	\$140.00	15.75 x 9.84 x 6.30 [400 x 250 x 160]	65 [2.56]	PDF	1590ZGRP243PL	\$14.25
1590ZGRP253	\$188.00	1590ZGRP253BK	\$188.00	15.94 x 15.75 x 4.72 [405 x 400 x 120]	25 [0.98]	PDF	1590ZGRP253PL	\$17.25
1590ZGRP263	\$200.00	1590ZGRP263BK	\$200.00	23.62 x 9.84 x 4.72 [600 x 250 x 120]	25 [0.98]	PDF	1590ZGRP263PL	\$23.00
1590ZGRP264	\$203.00	1590ZGRP264BK	\$203.00	23.62 x 9.84 x 6.30 [600 x 250 x 160]	65 [2.56]	PDF	1590ZGRP263PL	\$23.00

Note: Dimensions in inches [millimeters].