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

HAMMOND MANUFACTURING®

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	1590Z100G	$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

HAMMOND MANUFACTURING®

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

c UL us RoHS

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].								