



Quality Products. Service Excellence.

## Type 4, 4X Glass Reinforced Polyester Enclosures *1590ZGRP Series*

Watertight, Thick Wall, NEMA 4X, IP66, UL Listed

### Key Features



- Molded from a grey, glass reinforced polyester. Smooth finish.
- Includes gasketed lid with two piece "tongue & groove" construction.
- Heavy duty, thick wall design.
- North American Mark of Safety - C UL & UL listed. Industrial Control Panel Enclosure Certified to NEMA 4, 4X standards (UL 508A) - File #E65324 and IP66 Rated
- Lid contains self captivated stainless steel screws.
- Gasket material is Mohogumi rubber (EDPM). Heat resistance 100-120 degree C, cold -40 degree C. Supplied loose inside the enclosure (not pre-installed).
- Easy wall mounting via "through box - blind hole" construction, outside of the gasket protection (see photos below).
- Internal mounting shelf & bonding / mounting nuts molded in (see "open" photos or drawings for more details).
- Optional 14 gauge, galvanized steel inner panels available (see drawings for details and part number listing below).

### Photo Features

Internal mounting shelf accepts inner panels or PC boards.

Lid screws become captive once installed in lid.

Wall-mounting holes are located outside the gasket perimeter.



### Accessories



Optional hinge kit, part number **1427HK**

- Molded from tough polyester
- Includes 12 stainless steel M4 screws & 8 o-rings.
- Mounting template included (refer to instructions)

- Note: with hinges installed, all four lid screws are required to maintain a proper seal.

**Accessories**

- Pole Mount Kit
- Breather Kit
- Liquid-Tight, Strain Relief Cordgrips
- Pressure Compensation Plug
- Small Rainproof Ventilator

**Part Numbers**

Part Number	Assembled Enclosure					Lid	Inner Panel	Extra Lid Screws	Extra Panel Screws
	Length	Width	Depth	Depth	Depth				
1590ZGRP081	3.17	2.97	2.17	1.58	0.59	1590ZGRP081PL	SC583-50	SCGM4-50	
1590ZGRP084	3.17	2.97	2.95	2.38	0.59	1590ZGRP081PL	SC583-50	SCGM4-50	
1590ZGRP082	4.32	2.94	2.17	1.58	0.59	1590ZGRP082PL	SC583-50	SCGM4-50	
1590ZGRP121	4.72	4.78	3.57	2.56	0.98	1590ZGRP121PL	SC570-20	SCGM6GRP-20	
1590ZGRP083	6.30	2.94	2.17	1.58	0.59	1590ZGRP083PL	SC583-50	SCGM4-50	
1590ZGRP161	6.30	6.30	3.56	2.76	0.80	1590ZGRP161PL	SC570-20	SCGM6GRP-20	
1590ZGRP131	7.48	2.94	2.17	1.58	0.59	1590ZGRP131PL	SC583-50	SCGM4-50	
1590ZGRP233	7.87	9.84	4.54	3.74	0.80	1590ZGRP233PL	SC570-20	SCGM6GRP-20	
1590ZGRP123	8.66	4.72	3.56	2.56	0.98	1590ZGRP123PL	SC570-20	SCGM6GRP-20	
1590ZGRP234	10.04	9.87	4.73	3.74	0.99	1590ZGRP234PL	SC570-20	SCGM6GRP-20	
1590ZGRP235	10.04	9.87	6.32	3.74	2.58	1590ZGRP234PL	SC571-12	SCGM6GRP-20	
1590ZGRP162	10.24	6.30	3.56	2.76	0.77	1590ZGRP162PL	SC570-20	SCGM6GRP-20	
1590ZGRP163	14.20	6.30	3.54	2.80	3.54	1590ZGRP163PL	SC570-20	SCGM6GRP-20	
1590ZGRP243	15.75	9.84	4.73	3.74	0.99	1590ZGRP243PL	SC570-20	SCGM6GRP-20	
1590ZGRP244	15.75	9.84	6.30	3.78	2.56	1590ZGRP243PL	SC571-12	SCGM6GRP-20	
1590ZGRP253	15.94	15.75	4.72	3.93	0.79	1590ZGRP253PL	SC570-20	SCGM6GRP-20	
1590ZGRP263	23.62	9.84	4.72	3.74	0.99	1590ZGRP263PL	SC570-20	SCGM6GRP-20	
1590ZGRP264	23.62	9.84	6.30	3.78	2.56	1590ZGRP263PL	SC571-12	SCGM6GRP-20	

Data subject to change without notice



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Hammond:

[1590ZGRP162](#) [1590ZGRP161](#) [1590ZGRP121](#) [1590ZGRP123](#) [1590ZGRP082](#) [1590ZGRP081](#) [1590ZGRP083](#)  
[1590ZGRP123PL](#) [1590ZGRP131](#) [1590ZGRP161PL](#) [1590ZGRP233](#) [1590ZGRP234](#) [1590ZGRP235](#) [1590ZGRP243](#)  
[1590ZGRP243PL](#) [1590ZGRP263](#) [1590ZGRP234PL](#) [1590ZGRP131PL](#) [1590ZGRP233PL](#) [1590ZGRP081PL](#)  
[1590ZGRP162PL](#) [1590ZGRP263PL](#) [1590ZGRP121PL](#) [1590ZGRP082PL](#) [1427HK](#) [1590ZGRP083PL](#) [1590ZGRP244](#)  
[SCGM6GRP](#) [1590ZGRP163](#) [1590ZGRP163PL](#) [1590ZGRP264](#) [1590ZGRP253](#)