



## 1590ZGRP BK Series



### Key Features:

- Molded from a black, 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
- Enclosures have an impact rating of IK09 in conformity with IEC 62208 and IEC 62262.
- Lid contains self captivated stainless steel screws.
- Gasket material is silicone sponge with temperature rating of -40 degrees C to +100degrees C (-40 degrees F to +212 degrees F).
- 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 16 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.




**Automation & Power Incorporated**

*Quality Products. Service Excellence.*

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

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

Part Number	Length	Width	Assembled		Enclosure	Lid	Inner Panel	Extra Lid Screws	Extra Panel Screws
			Depth	Depth	Depth				
<a href="#">1590ZGRP081BK</a>	3.17	2.97	2.17	1.58	0.59	<a href="#">1590ZGRP081PL</a>	<a href="#">SC583-50</a>	<a href="#">SCGM4-50</a>	
<a href="#">1590ZGRP084BK</a>	3.17	2.97	2.95	2.38	0.59	<a href="#">1590ZGRP081PL</a>	<a href="#">SC583-50</a>	<a href="#">SCGM4-50</a>	
<a href="#">1590ZGRP082BK</a>	4.32	2.94	2.17	1.58	0.59	<a href="#">1590ZGRP082PL</a>	<a href="#">SC583-50</a>	<a href="#">SCGM4-50</a>	
<a href="#">1590ZGRP121BK</a>	4.72	4.78	3.57	2.56	0.98	<a href="#">1590ZGRP121PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP083BK</a>	6.30	2.94	2.17	1.58	0.59	<a href="#">1590ZGRP083PL</a>	<a href="#">SC583-50</a>	<a href="#">SCGM4-50</a>	
<a href="#">1590ZGRP161BK</a>	6.30	6.30	3.56	2.76	0.80	<a href="#">1590ZGRP161PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP131BK</a>	7.48	2.94	2.17	1.58	0.59	<a href="#">1590ZGRP131PL</a>	<a href="#">SC583-50</a>	<a href="#">SCGM4-50</a>	
<a href="#">1590ZGRP123BK</a>	8.66	4.72	3.56	2.56	0.98	<a href="#">1590ZGRP123PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP234BK</a>	10.04	9.87	4.73	3.74	0.99	<a href="#">1590ZGRP234PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP235BK</a>	10.04	9.87	6.32	3.74	2.58	<a href="#">1590ZGRP234PL</a>	<a href="#">SC571-12</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP162BK</a>	10.24	6.30	3.56	2.76	0.77	<a href="#">1590ZGRP162PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP163BK</a>	14.20	6.30	3.54	2.80	3.54	<a href="#">1590ZGRP163PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP243BK</a>	15.75	9.84	4.73	3.74	0.99	<a href="#">1590ZGRP243PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP244BK</a>	15.75	9.84	6.30	3.78	2.56	<a href="#">1590ZGRP243PL</a>	<a href="#">SC571-12</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP253BK</a>	15.94	15.75	4.72	3.93	0.79	<a href="#">1590ZGRP253PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP263BK</a>	23.62	9.84	4.72	3.74	0.99	<a href="#">1590ZGRP263PL</a>	<a href="#">SC570-20</a>	<a href="#">SCGM6GRP-20</a>	
<a href="#">1590ZGRP264BK</a>	23.62	9.84	6.30	3.78	2.56	<a href="#">1590ZGRP263PL</a>	<a href="#">SC571-12</a>	<a href="#">SCGM6GRP-20</a>	