Type 4X/ 6P Diecast Aluminum Enclosures *1590Z Series*

Watertight, Thick Wall, UL Listed

NEW SIZES

Key Features:

- Rugged, diecast aluminum alloy electronic instrument enclosure.
- Two piece tongue and groove construction with a replaceable one piece silicone rubber gasket provides protection against ingress of dust and water. Gasket supplied loose inside the enclosure (not pre-installed).
- Gasket has a temperature rating of -40C to +150C (-40F to 302F).
- Ideal for repetitive opening and closing.
- Four recessed stainless steel machine screws secure lid into tapped holes.
- Easy to wall mount using blind through hole construction, located outside of gasket protection.
- Lid screws are self-captivating and create threads on first installation, excluding **1590Z060**, **1590Z061**, **1590Z062**, and **1590Z063** models.
- cUL and UL listed.
- Independently tested to meet IP66, IP67, and IP68 as well as NEMA Type 4, 4X, 6, 6P, 12 & 13 ratings.
    - Customers should conduct their own testing to determine suitability for any specific application.
- All sizes except 1590Z060** carry an impact rating of IK08 per IEC62262.
- 16 gauge galvanized steel inner panels are optional and available for most sizes.
- Painted versions are painted inside and out with a tough powder paint. Choice of textured black or smooth gray (RAL 7001).
- For non-metallic (glass reinforced polyester) versions of these enclosures, see series **1590ZGRP**

Photos

Available unfinished or powder coated in textured black or smooth gray.

Lid screws are self captivating; lid is threaded with first installation of screws.

Lid screws and wall mounting holes are outside the gasket channel.

Inner panels are available for most sizes and are sold separately.

Accessories

- Pole Mount Kit
- Breather Kit
- Liquid-Tight Cordgrips (Nylon)
- Pressure Compensation Plug
- Small Rainproof Ventilator
- Liquid-Tight Cordgrips (Nickel Plated Brass)

Enclosure

Part Number	Color	Internal Mounting Shelf	Length	Width	Total Depth	Lid Depth	Extra Lid Screws	Inner Panel	Extra Panel Screws	Replacement Gasket (Pack of 2)
1590Z060	Natural	NO	50	45	30	6	**SC1550Z103-50**		**SCG060-50**	**1590Z060G**
1590Z060BK	Black	NO	50	45	30	6	**SC1550Z103-50**		**SCG060-50**	**1590Z060G**
1590Z060GY	Gray	NO	50	45	30	6	**SC1550Z103-50**		**SCG060-50**	**1590Z060G**
1590Z061	Natural	NO	64	58	35	5	**SC1550Z103-50**		**SCG060-50**	**1590Z061G**
1590Z061BK	Black	NO	64	58	35	5	**SC1550Z103-50**		**SCG060-50**	**1590Z061G**
1590Z061GY	Gray	NO	64	58	35	5	**SC1550Z103-50**		**SCG060-50**	**1590Z061G**
1590Z100	Natural	YES	80	75	52	12	**SC576-50**	**1590Z100PL**	**SCGM4-50**	**1590Z100G**
1590Z100BK	Black	YES	80	75	52	12	**SC576-50**	**1590Z100PL**	**SCGM4-50**	**1590Z100G**
1590Z100GY	Gray	YES	80	75	52	12	**SC576-50**	**1590Z100PL**	**SCGM4-50**	**1590Z100G**
1590Z110	Natural	NO	80	75	52	12	**SC576-50**		**SCGM4-50**	**1590Z100G**
1590Z110BK	Black	NO	80	75	52	12	**SC576-50**		**SCGM4-50**	**1590Z100G**

Part Number	Color	Internal Mounting Shelf	Length	Width	Total Depth	Lid Depth	Extra Lid Screws	Inner Panel	Extra Panel Screws	Replacement Gasket (Pack of 2)
1590Z110GY	Gray	NO	80	75	52	12	**SC576-50**		**SCGM4-50**	**1590Z100G**
1590Z062	Natural	NO	98	64	34	9	**SC1550Z103-50**		**SCG060-50**	**1590Z062G**
1590Z062BK	Black	NO	98	64	34	9	**SC1550Z103-50**		**SCG060-50**	**1590Z062G**
1590Z062GY	Gray	NO	98	64	34	9	**SC1550Z103-50**		**SCG060-50**	**1590Z062G**
1590Z080	Natural	YES	100	100	80	20	**SC576-50**	**1590Z080PL**	**SCGM4-50**	**1590Z080G**
1590Z080BK	Black	YES	100	100	80	20	**SC576-50**	**1590Z080PL**	**SCGM4-50**	**1590Z080G**
1590Z080GY	Gray	YES	100	100	80	20	**SC576-50**	**1590Z080PL**	**SCGM4-50**	**1590Z080G**
1590Z119	Natural	YES	120	122	82	21	**SC564-12**	**1590Z119PL**	**SCGM6-20**	**1590Z119G**
1590Z119BK	Black	YES	120	122	82	21	**SC564-12**	**1590Z119PL**	**SCGM6-20**	**1590Z119G**
1590Z119GY	Gray	YES	120	122	82	21	**SC564-12**	**1590Z119PL**	**SCGM6-20**	**1590Z119G**
1590Z120	Natural	YES	125	80	59	16	**SC1550Z107-50**	**1590Z120PL**	**SCGM4-50**	**1590Z120G**
1590Z120BK	Black	YES	125	80	59	16	**SC1550Z107-50**	**1590Z120PL**	**SCGM4-50**	**1590Z120G**
1590Z120GY	Gray	YES	125	80	59	16	**SC1550Z107-50**	**1590Z120PL**	**SCGM4-50**	**1590Z120G**
1590Z090	Natural	YES	140	140	90	30	**SC564-12**	**1590Z090PL**	**SCGM6-20**	**1590Z090G**
1590Z090BK	Black	YES	140	140	90	30	**SC564-12**	**1590Z090PL**	**SCGM6-20**	**1590Z090G**
1590Z090GY	Gray	YES	140	140	90	30	**SC564-12**	**1590Z090PL**	**SCGM6-20**	**1590Z090G**
1590Z063	Natural	NO	150	64	36	10	**SC1550Z103-50**		**SCG060-50**	**1590Z063G**
1590Z063BK	Black	NO	150	64	36	10	**SC1550Z103-50**		**SCG060-50**	**1590Z063G**
1590Z063GY	Gray	NO	150	64	36	10	**SC1550Z103-50**		**SCG060-50**	**1590Z063G**
1590Z125	Natural	YES	160	100	80	20	**SC583-50**	**1590Z125PL**	**SCGM4-50**	**1590Z125G**
1590Z125BK	Black	YES	160	100	80	20	**SC583-50**	**1590Z125PL**	**SCGM4-50**	**1590Z125G**
1590Z125GY	Gray	YES	160	100	80	20	**SC583-50**	**1590Z125PL**	**SCGM4-50**	**1590Z125G**
1590Z160	Natural	YES	160	160	90	20	**SC564-12**	**1590Z160PL**	**SCGM6-20**	**1590Z160G**
1590Z160BK	Black	YES	160	160	90	20	**SC564-12**	**1590Z160PL**	**SCGM6-20**	**1590Z160G**
1590Z160GY	Gray	YES	160	160	90	20	**SC564-12**	**1590Z160PL**	**SCGM6-20**	**1590Z160G**
1590Z130	Natural	NO	175	80	52	12	**SC576-50**		**SCGM4-50**	**1590Z130G**
1590Z130BK	Black	NO	175	80	52	12	**SC576-50**		**SCGM4-50**	**1590Z130G**
1590Z130GY	Gray	NO	175	80	52	12	**SC576-50**		**SCGM4-50**	**1590Z130G**
1590Z135	Natural	NO	175	80	60	20	**SC574-30**		**SCGM4-50**	**1590Z130G**
1590Z135BK	Black	NO	175	80	60	20	**SC574-30**		**SCGM4-50**	**1590Z130G**
1590Z135GY	Gray	NO	175	80	60	20	**SC574-30**		**SCGM4-50**	**1590Z130G**
1590Z180	Natural	YES	180	180	100	30	**SC564-12**	**1590Z180PL**	**SCGM6-20**	**1590Z180G**
1590Z180BK	Black	YES	180	180	100	30	**SC564-12**	**1590Z180PL**	**SCGM6-20**	**1590Z180G**
1590Z180GY	Gray	YES	180	180	100	30	**SC564-12**	**1590Z180PL**	**SCGM6-20**	**1590Z180G**
1590Z137	Natural	YES	200	80	60	20	**SC574-30**	**1590Z137PL**	**SCGM4-50**	**1590Z137G**
1590Z137BK	Black	YES	200	80	60	20	**SC574-30**	**1590Z137PL**	**SCGM4-50**	**1590Z137G**
1590Z137GY	Gray	YES	200	80	60	20	**SC574-30**	**1590Z137PL**	**SCGM4-50**	**1590Z137G**
1590Z145	Natural	YES	200	100	80	20	**SC583-50**	**1590Z145PL**	**SCGM4-50**	**1590Z145G**
1590Z145BK	Black	YES	200	100	80	20	**SC583-50**	**1590Z145PL**	**SCGM4-50**	**1590Z145G**
1590Z145GY	Gray	YES	200	100	80	20	**SC583-50**	**1590Z145PL**	**SCGM4-50**	**1590Z145G**
1590Z150	Natural	YES	221	121	81	21	**SC564-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z150BK	Black	YES	221	121	81	21	**SC564-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z150GY	Gray	YES	221	121	81	21	**SC564-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z155	Natural	YES	221	121	90	30	**SC565-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z155BK	Black	YES	221	121	90	30	**SC565-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z155GY	Gray	YES	221	121	90	30	**SC565-12**	**1590Z150PL**	**SCGM6-20**	**1590Z150G**
1590Z231	Natural	YES	200	230	110	20	**SC564-12**	**1590Z231PL**	**SCGM6-20**	**1590Z231G**
1590Z231BK	Black	YES	200	230	110	20	**SC564-12**	**1590Z231PL**	**SCGM6-20**	**1590Z231G**
1590Z231GY	Gray	YES	200	230	110	20	**SC564-12**	**1590Z231PL**	**SCGM6-20**	**1590Z231G**
1590Z140	Natural	YES	250	80	57	15	**SC576-50**	**1590Z140PL**	**SCGM4-50**	**1590Z140G**
1590Z140BK	Black	YES	250	80	57	15	**SC576-50**	**1590Z140PL**	**SCGM4-50**	**1590Z140G**
1590Z140GY	Gray	YES	250	80	57	15	**SC576-50**	**1590Z140PL**	**SCGM4-50**	**1590Z140G**
1590Z162	Natural	YES	260	160	90	20	**SC564-12**	**1590Z162PL**	**SCGM6-20**	**1590Z162G**
1590Z162BK	Black	YES	260	160	90	20	**SC564-12**	**1590Z162PL**	**SCGM6-20**	**1590Z162G**
1590Z162GY	Gray	YES	260	160	90	20	**SC564-12**	**1590Z162PL**	**SCGM6-20**	**1590Z162G**
1590Z163	Natural	YES	260	160	160	20	**SC564-12**	**1590Z163PL**	**SCGM6-20**	**1590Z162G**
1590Z163BK	Black	YES	260	160	160	20	**SC564-12**	**1590Z163PL**	**SCGM6-20**	**1590Z162G**
1590Z163GY	Gray	YES	260	160	160	20	**SC564-12**	**1590Z163PL**	**SCGM6-20**	**1590Z162G**
1590Z233	Natural	YES	280	230	110	20	**SC599-12**	**1590Z233PL**	**SCGM6-20**	**1590Z233G**
1590Z233BK	Black	YES	280	230	110	20	**SC599-12**	**1590Z233PL**	**SCGM6-20**	**1590Z233G**
1590Z233GY	Gray	YES	280	230	110	20	**SC599-12**	**1590Z233PL**	**SCGM6-20**	**1590Z233G**
1590Z235	Natural	YES	331	231	113	20	**SC599-12**	**1590Z235PL**	**SCGM6-20**	**1590Z235G**
1590Z235BK	Black	YES	331	231	113	20	**SC599-12**	**1590Z235PL**	**SCGM6-20**	**1590Z235G**

Part Number	Color	Internal Mounting Shelf	Internal Length	Internal Width	Total Depth	Lid Depth	Extra Lid Screws	Inner Panel	Extra Panel Screws	Replacement Gasket (Pack of 2)
1590Z235GY	Gray	YES	331	231	113	20	**SC599-12**	**1590Z235PL**	**SCGM6-20**	**1590Z235G**
1590Z164	Natural	YES	360	122	80	20	**SC599-12**	**1590Z164PL**	**SCGM6-20**	**1590Z164G**
1590Z164BK	Black	YES	360	122	80	20	**SC599-12**	**1590Z164PL**	**SCGM6-20**	**1590Z164G**
1590Z164GY	Gray	YES	360	122	80	20	**SC599-12**	**1590Z164PL**	**SCGM6-20**	**1590Z164G**
1590Z166	Natural	YES	360	160	90	20	**SC564-12**	**1590Z166PL**	**SCGM6-20**	**1590Z166G**
1590Z166BK	Black	YES	360	160	90	20	**SC564-12**	**1590Z166PL**	**SCGM6-20**	**1590Z166G**
1590Z166GY	Gray	YES	360	160	90	20	**SC564-12**	**1590Z166PL**	**SCGM6-20**	**1590Z166G**
1590Z250	Natural	YES	400	230	180	20	**SC599-12**	**1590Z250PL**	**SCGM6-20**	**1590Z250G**
1590Z250BK	Black	YES	400	230	180	20	**SC599-12**	**1590Z250PL**	**SCGM6-20**	**1590Z250G**
1590Z250GY	Gray	YES	400	230	180	20	**SC599-12**	**1590Z250PL**	**SCGM6-20**	**1590Z250G**

Tags: **thick wall**, **box**, **diecast**, **nema**, **continuous gasket**, **mounting holes**, **industrial**, **aluminum**, **inner panel**, **IP68**, **watertight**, **submersible**, **internal panel**, **screw down cover**

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