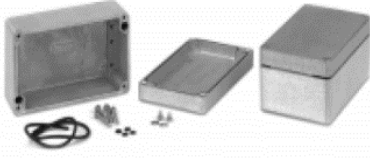




1590Z Series



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.
- Designed to meet IP68.
- North American Mark of Safety - cUL & UL listed. Certified to Type 4, 4X, 6, 6P.
- 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**




Automation & Power Incorporated

Quality Products. Service Excellence.

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

Watertight, Thick Wall, UL Listed

Part Number	Color	Mounting Shelf	L	W	Total Depth	Lid Depth	Extra Lid Screws	Inner Panel	Extra Panel Screws	Replacement Gasket
1590Z060	Natural	NO	1.98	1.77	1.20	0.24	SC1550Z103-50		SCG060-50	1590Z060G
1590Z060BK	Black	NO	1.98	1.77	1.20	0.24	SC1550Z103-50		SCG060-50	1590Z060G
1590Z060GY	Gray	NO	1.98	1.77	1.20	0.24	SC1550Z103-50		SCG060-50	1590Z060G
1590Z061	Natural	NO	2.51	2.29	1.39	0.20	SC1550Z103-50		SCG060-50	1590Z061G
1590Z061BK	Black	NO	2.51	2.29	1.39	0.20	SC1550Z103-50		SCG060-50	1590Z061G
1590Z061GY	Gray	NO	2.51	2.29	1.39	0.20	SC1550Z103-50		SCG060-50	1590Z061G
1590Z100	Natural	YES	2.94	3.14	2.05	0.47	SC576-50	1590Z100PL	SCGM4-50	1590Z100G
1590Z100BK	Black	YES	2.94	3.14	2.05	0.47	SC576-50	1590Z100PL	SCGM4-50	1590Z100G
1590Z100GY	Gray	YES	2.94	3.14	2.05	0.47	SC576-50	1590Z100PL	SCGM4-50	1590Z100G
1590Z110	Natural	NO	2.94	3.14	2.05	0.47	SC576-50		SCGM4-50	1590Z100G
1590Z110BK	Black	NO	2.94	3.14	2.05	0.47	SC576-50		SCGM4-50	1590Z100G
1590Z110GY	Gray	NO	2.94	3.14	2.05	0.47	SC576-50		SCGM4-50	1590Z100G
1590Z062	Natural	NO	3.87	2.54	1.35	0.36	SC1550Z103-50		SCG060-50	1590Z062G
1590Z062BK	Black	NO	3.87	2.54	1.35	0.36	SC1550Z103-50		SCG060-50	1590Z062G
1590Z062GY	Gray	NO	3.87	2.54	1.35	0.36	SC1550Z103-50		SCG060-50	1590Z062G
1590Z080	Natural	YES	3.94	3.94	3.15	0.79	SC576-50	1590Z080PL	SCGM4-50	1590Z080G
1590Z080BK	Black	YES	3.94	3.94	3.15	0.79	SC576-50	1590Z080PL	SCGM4-50	1590Z080G
1590Z080GY	Gray	YES	3.94	3.94	3.15	0.79	SC576-50	1590Z080PL	SCGM4-50	1590Z080G
1590Z119	Natural	YES	4.80	4.72	3.23	0.81	SC564-12	1590Z119PL	SCGM6-20	1590Z119G
1590Z119BK	Black	YES	4.80	4.72	3.23	0.81	SC564-12	1590Z119PL	SCGM6-20	1590Z119G
1590Z119GY	Gray	YES	4.80	4.72	3.23	0.81	SC564-12	1590Z119PL	SCGM6-20	1590Z119G
1590Z120	Natural	YES	4.94	3.17	2.31	0.61	SC1550Z107-50	1590Z120PL	SCGM4-50	1590Z120G
1590Z120BK	Black	YES	4.94	3.17	2.31	0.61	SC1550Z107-50	1590Z120PL	SCGM4-50	1590Z120G
1590Z120GY	Gray	YES	4.94	3.17	2.31	0.61	SC1550Z107-50	1590Z120PL	SCGM4-50	1590Z120G
1590Z090	Natural	YES	5.51	5.51	3.54	1.18	SC564-12	1590Z090PL	SCGM6-20	1590Z090G
1590Z090BK	Black	YES	5.51	5.51	3.54	1.18	SC564-12	1590Z090PL	SCGM6-20	1590Z090G
1590Z090GY	Gray	YES	5.51	5.51	3.54	1.18	SC564-12	1590Z090PL	SCGM6-20	1590Z090G
1590Z063	Natural	NO	5.91	2.53	1.43	0.40	SC1550Z103-50		SCG060-50	1590Z063G
1590Z063BK	Black	NO	5.91	2.53	1.43	0.40	SC1550Z103-50		SCG060-50	1590Z063G
1590Z063GY	Gray	NO	5.91	2.53	1.43	0.40	SC1550Z103-50		SCG060-50	1590Z063G
1590Z160	Natural	YES	6.30	6.30	3.53	0.79	SC564-12	1590Z160PL	SCGM6-20	1590Z160G
1590Z160BK	Black	YES	6.30	6.30	3.53	0.79	SC564-12	1590Z160PL	SCGM6-20	1590Z160G
1590Z160GY	Gray	YES	6.30	6.30	3.53	0.79	SC564-12	1590Z160PL	SCGM6-20	1590Z160G
1590Z130	Natural	NO	6.89	3.15	2.05	0.47	SC576-50		SCGM4-50	1590Z130G



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1590Z130BK	Black	NO	6.89	3.15	2.05	0.47	SC576-50		SCGM4-50	1590Z130G
1590Z130GY	Gray	NO	6.89	3.15	2.05	0.47	SC576-50		SCGM4-50	1590Z130G
1590Z135	Natural	NO	6.89	3.15	2.36	0.79	SC574-30		SCGM4-50	1590Z130G
1590Z135BK	Black	NO	6.89	3.15	2.36	0.79	SC574-30		SCGM4-50	1590Z130G
1590Z135GY	Gray	NO	6.89	3.15	2.36	0.79	SC574-30		SCGM4-50	1590Z130G
1590Z180	Natural	YES	7.09	7.09	3.98	1.18	SC564-12	1590Z180PL	SCGM6-20	1590Z180G
1590Z180BK	Black	YES	7.09	7.09	3.98	1.18	SC564-12	1590Z180PL	SCGM6-20	1590Z180G
1590Z180GY	Gray	YES	7.09	7.09	3.98	1.18	SC564-12	1590Z180PL	SCGM6-20	1590Z180G
1590Z137	Natural	YES	7.87	3.15	2.36	0.79	SC574-30	1590Z137PL	SCGM4-50	1590Z137G
1590Z137BK	Black	YES	7.87	3.15	2.36	0.79	SC574-30	1590Z137PL	SCGM4-50	1590Z137G
1590Z137GY	Gray	YES	7.87	3.15	2.36	0.79	SC574-30	1590Z137PL	SCGM4-50	1590Z137G
1590Z150	Natural	YES	8.70	4.74	3.17	0.81	SC564-12	1590Z150PL	SCGM6-20	1590Z150G
1590Z150BK	Black	YES	8.70	4.74	3.17	0.81	SC564-12	1590Z150PL	SCGM6-20	1590Z150G
1590Z150GY	Gray	YES	8.70	4.74	3.17	0.81	SC564-12	1590Z150PL	SCGM6-20	1590Z150G
1590Z155	Natural	YES	8.70	4.74	3.54	1.18	SC565-12	1590Z150PL	SCGM6-20	1590Z150G
1590Z155BK	Black	YES	8.70	4.74	3.54	1.18	SC565-12	1590Z150PL	SCGM6-20	1590Z150G
1590Z155GY	Gray	YES	8.70	4.74	3.54	1.18	SC565-12	1590Z150PL	SCGM6-20	1590Z150G
1590Z231	Natural	YES	9.06	7.87	4.33	0.79	SC564-12	1590Z231PL	SCGM6-20	1590Z231G
1590Z231BK	Black	YES	9.06	7.87	4.33	0.79	SC564-12	1590Z231PL	SCGM6-20	1590Z231G
1590Z231GY	Gray	YES	9.06	7.87	4.33	0.79	SC564-12	1590Z231PL	SCGM6-20	1590Z231G
1590Z140	Natural	YES	9.85	3.14	2.24	0.59	SC576-50	1590Z140PL	SCGM4-50	1590Z140G
1590Z140BK	Black	YES	9.85	3.14	2.24	0.59	SC576-50	1590Z140PL	SCGM4-50	1590Z140G
1590Z140GY	Gray	YES	9.85	3.14	2.24	0.59	SC576-50	1590Z140PL	SCGM4-50	1590Z140G
1590Z162	Natural	YES	10.24	6.30	3.53	0.79	SC564-12	1590Z162PL	SCGM6-20	1590Z162G
1590Z162BK	Black	YES	10.24	6.30	3.53	0.79	SC564-12	1590Z162PL	SCGM6-20	1590Z162G
1590Z162GY	Gray	YES	10.24	6.30	3.53	0.79	SC564-12	1590Z162PL	SCGM6-20	1590Z162G
1590Z163	Natural	YES	10.24	6.31	6.30	0.79	SC564-12	1590Z163PL	SCGM6-20	1590Z162G
1590Z163BK	Black	YES	10.24	6.31	6.30	0.79	SC564-12	1590Z163PL	SCGM6-20	1590Z162G
1590Z163GY	Gray	YES	10.24	6.31	6.30	0.79	SC564-12	1590Z163PL	SCGM6-20	1590Z162G
1590Z235	Natural	YES	13.02	9.09	4.42	0.78	SC599-12	1590Z235PL	SCGM6-20	1590Z235G
1590Z235BK	Black	YES	13.02	9.09	4.42	0.78	SC599-12	1590Z235PL	SCGM6-20	1590Z235G
1590Z235GY	Gray	YES	13.02	9.09	4.42	0.78	SC599-12	1590Z235PL	SCGM6-20	1590Z235G
1590Z164	Natural	YES	14.17	4.72	3.15	0.79	SC599-12	1590Z164PL	SCGM6-20	1590Z164G
1590Z164BK	Black	YES	14.17	4.72	3.15	0.79	SC599-12	1590Z164PL	SCGM6-20	1590Z164G
1590Z164GY	Gray	YES	14.17	4.72	3.15	0.79	SC599-12	1590Z164PL	SCGM6-20	1590Z164G
1590Z166	Natural	YES	14.17	6.30	3.54	0.79	SC564-12	1590Z166PL	SCGM6-20	1590Z166G
1590Z166BK	Black	YES	14.17	6.30	3.54	0.79	SC564-12	1590Z166PL	SCGM6-20	1590Z166G
1590Z166GY	Gray	YES	14.17	6.30	3.54	0.79	SC564-12	1590Z166PL	SCGM6-20	1590Z166G
1590Z250	Natural	YES	15.75	9.06	7.09	0.79	SC599-12	1590Z250PL	SCGM6-20	1590Z250G
1590Z250BK	Black	YES	15.75	9.06	7.09	0.79	SC599-12	1590Z250PL	SCGM6-20	1590Z250G
1590Z250GY	Gray	YES	15.75	9.06	7.09	0.79	SC599-12	1590Z250PL	SCGM6-20	1590Z250G