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Watertight Diecast Aluminum Enclosures *1550Z Series*

cUL & UL Listed, Thick Wall









Key Features:

- Thick-wall diecast aluminum watertight electronic instrument enclosure.
- Rugged, diecast aluminum alloy is tough yet easy to machine.
- No internal ribs for easy installation of connectors without interference or additional milling.
- Easy to wallmount using blind thru-box holes (on all sizes except **1550Z102**, **1550Z115,** and **1550Z120**). Access to blind holes is outside of gasket ring to uphold ingress protection.
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Textured black version is coated with tough polyester powder for a lasting finish, even after machining. Finish is applied outside and inside the enclosure.
- Lid is secured with either two, four, or six stainless steel Philips head machine screws, depending on enclosure size.
- Lid screws are outside the gasket protection area to eliminate the need for o-rings.
- Lid screws are self-captivating on six sizes: **1550Z107**, **1550Z108**, **1550Z116**, **1550Z117**, **1550Z137,** and **1550Z139**. Lid holes are slightly undersized and threaded with the first installation.
- Copper grounding screws and washers available separately.
- Gasket is pre-formed, one-piece silicone rubber and installs easily into lid groove.
- Gasket has a temperature rating of -40°C to +150°C (-40°F to 302°F).
- cUL and UL listed under file #E71073.
- Independently tested to meet IP66, IP67, and IP68 as well as NEMA Type 4, 4X, 12 & 13 ratings.
    - Customers should conduct their own testing to determine suitability for any specific application.
- All sizes except 1550Z101 carry an impact rating of IK08 per IEC62262.

No internal ribs on the walls make connector installation easy.



Lid screws become captive once installed in lid.



Lid assembly and mounting holes are located outside the gasket perimeter.



Accessories

- Breather Kit
- Small Rainproof Ventilator
- Pressure Compensation Plug
- Liquid-Tight Cordgrips (Nylon)

- Liquid-Tight Cordgrips (Nickel Plated Brass)

Enclosures

Part Number	Color	Length	Width	Total Depth	Lid Height	Replacement Lid Screw Pack	Ground Screw Pack	Replacement Gaskets (Pair)
1550Z101	Unpainted	50	45	30	6	**SC1550Z103-50**	**SCG060-50**	**1550Z101GASKET**
1550Z101BK	Black	50	45	30	6	**SC1550Z103-50**	**SCG060-50**	**1550Z101GASKET**
1550Z104	Unpainted	64	58	35	5	**SC1550Z103-50**	**SCG060-50**	**1550Z104GASKET**
1550Z104BK	Black	64	58	35	5	**SC1550Z103-50**	**SCG060-50**	**1550Z104GASKET**
1550Z102	Unpainted	90	36	30	5	**SC1550Z102-50**	**SCG060-50**	**1550Z102GASKET**
1550Z102BK	Black	90	36	30	5	**SC1550Z102-50**	**SCG060-50**	**1550Z102GASKET**
1550Z103	Unpainted	98	64	34	9	**SC1550Z103-50**	**SCG060-50**	**1550Z103GASKET**
1550Z103BK	Black	98	64	34	9	**SC1550Z103-50**	**SCG060-50**	**1550Z103GASKET**
1550Z106	Unpainted	115	65	30	5	**SC1550Z103-50**	**SCG060-50**	**1550Z106GASKET**
1550Z106BK	Black	115	65	30	5	**SC1550Z103-50**	**SCG060-50**	**1550Z106GASKET**
1550Z111	Unpainted	115	65	55	5	**SC1550Z103-50**	**SCG060-50**	**1550Z106GASKET**
1550Z111BK	Black	115	65	55	5	**SC1550Z103-50**	**SCG060-50**	**1550Z106GASKET**
1550Z113	Unpainted	115	90	55	5	**SC1550Z103-50**	**SCG060-50**	**1550Z113GASKET**
1550Z113BK	Black	115	90	55	5	**SC1550Z103-50**	**SCG060-50**	**1550Z113GASKET**
1550Z137	Unpainted	121	121	102	21	**SC1550Z116-30**	**SCG060-50**	**1550Z137GASKET**
1550Z137BK	Black	121	121	102	21	**SC1550Z116-30**	**SCG060-50**	**1550Z137GASKET**
1550Z107	Unpainted	125	80	41	16	**SC1550Z107-50**	**SCGM4-50**	**1550Z107GASKET**
1550Z107BK	Black	125	80	41	16	**SC1550Z107-50**	**SCGM4-50**	**1550Z107GASKET**
1550Z108	Unpainted	125	80	59	16	**SC1550Z107-50**	**SCGM4-50**	**1550Z107GASKET**
1550Z108BK	Black	125	80	59	16	**SC1550Z107-50**	**SCGM4-50**	**1550Z107GASKET**
1550Z115	Unpainted	148	108	75	10	**SC1550Z103-50**	**SCG060-50**	**1550Z115GASKET**
1550Z115BK	Black	148	108	75	10	**SC1550Z103-50**	**SCG060-50**	**1550Z115GASKET**
1550Z109	Unpainted	150	64	36	10	**SC1550Z103-50**	**SCG060-50**	**1550Z109GASKET**
1550Z109BK	Black	150	64	36	10	**SC1550Z103-50**	**SCG060-50**	**1550Z109GASKET**
1550Z139	Unpainted	159	159	102	21	**SC1550Z116-30**	**SCG060-50**	**1550Z139GASKET**
1550Z139BK	Black	159	159	102	21	**SC1550Z116-30**	**SCG060-50**	**1550Z139GASKET**
1550Z116	Unpainted	160	100	60	20	**SC1550Z116-30**	**SCGM4-50**	**1550Z116GASKET**
1550Z116BK	Black	160	100	60	20	**SC1550Z116-30**	**SCGM4-50**	**1550Z116GASKET**
1550Z117	Unpainted	160	100	81	20	**SC1550Z116-30**	**SCGM4-50**	**1550Z116GASKET**
1550Z117BK	Black	160	100	81	20	**SC1550Z116-30**	**SCGM4-50**	**1550Z116GASKET**
1550Z120	Unpainted	171	121	55	10	**SC1550Z103-50**	**SCG060-50**	**1550Z120GASKET**
1550Z120BK	Black	171	121	55	10	**SC1550Z103-50**	**SCG060-50**	**1550Z120GASKET**
1550Z124	Unpainted	223	147	55	5	**SC1550Z103-50**	**SCG060-50**	**1550Z124GASKET**
1550Z124BK	Black	223	147	55	5	**SC1550Z103-50**	**SCG060-50**	**1550Z124GASKET**
1550Z220	Unpainted	223	147	83	33	**SC1550Z220-30**	**SCG060-50**	**1550Z124GASKET**
1550Z220BK	Black	223	147	83	33	**SC1550Z220-30**	**SCG060-50**	**1550Z124GASKET**

Tags: **thick wall**, **diecast**, **outdoor**, **nema**, **continuous gasket**, **mounting holes**, **box**, **watertight**, **aluminum**

Data subject to change without notice

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