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Diecast Aluminum Enclosures 1590 Series

General Purpose, Wall-Mounting, Water-Tight, Colors



Features

- Rugged, diecast aluminum alloy (tough - yet easy to machine), electronic instrument enclosure.
- Lap joint construction provides protection against access of dust and splashing water. Also provides for improved EMI/RFI shielding.
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Textured black version is coated with tough polyester powder paint for a lasting finish, even after machining. Black screws are included to enhance appearance.
- Includes screws threaded into factory-tapped holes. Screw type and quantity vary. See details below or in drawings.
- Standard versions are designed to meet IP54.
- Water-tight versions are designed to meet IP65 and include a gasket. Gasket is supplied loose inside the enclosure (not pre-installed).
- Low side wall draft angle (2 degrees or less) for easy P.C. board mounting.



Photo Features



No mounting flanges



Spot-welded bottom flange



Wall-mounting flange integrated into lid.



Lap joint construction where lid and box meet.



Water-tight versions and gasket upgrades available for most sizes.

Hardware

NOTE: 1590 series enclosures feature factory-tapped assembly screw holes that accept machine screws, which are included with the enclosures. Most sizes require four (4) screws. **1590BX**,

1590DDBK	1590WDBK	1590DDFLBK	1590WDDFLBK	1590DDFBK	1590WDDFBK	Black	7.40	4.72	1.46	1590EGASKE
1590E	1590WE	1590EFL	1590WEFL	1590EF	1590WEF	Natural	7.40	4.72	3.23	1590EGASKE
1590EBK	1590WEBK	1590EFLBK	1590WEFLBK	1590EFBK	1590WEFBK	Black	7.40	4.72	3.23	1590EGASKE
1590F	1590WF	1590FFL	1590WFFL	1590FF	1590WFF	Natural	7.40	7.40	2.64	1590FGASKE
1590FBK	1590WFBK	1590FFLBK	1590WFFLBK	1590FFBK	1590WFFBK	Black	7.40	7.40	2.64	1590FGASKE
1590R1	1590WR1	1590R1FL	1590WR1FL	1590R1F	1590WR1F	Natural	7.55	4.39	2.40	1590RGASKE
1590R1BK	1590WR1BK	1590R1FLBK	1590WR1FLBK	1590R1FBK	1590WR1FBK	Black	7.55	4.39	2.40	1590RGASKE
1590DE	1590WDE					Natural	7.88	4.73	2.53	1590DEGASKE
1590DEBK	1590WDEBK					Black	7.88	4.73	2.53	1590DEGASKE
1590EE	1590WEE					Natural	7.88	4.73	3.33	1590DEGASKE
1590EEBK	1590WEEBK					Black	7.88	4.73	3.33	1590DEGASKE
1590BX2	1590WBX2	1590BX2FL	1590WBX2FL	1590BX2F	1590WBX2F	Natural	10.00	2.76	1.36	1590BXGASKE
1590BX2BK	1590WBX2BK	1590BX2FLBK	1590WBX2FLBK	1590BX2FBK	1590WBX2FBK	Black	10.00	2.76	1.36	1590BXGASKE
1590BX	1590WBX	1590BXFL	1590WBXFL	1590BXF	1590WBXF	Natural	10.00	2.76	1.95	1590BXGASKE
1590BXBK	1590WBXBK	1590BXFLBK	1590WBXFLBK	1590BXFBK	1590WBXFBK	Black	10.00	2.76	1.95	1590BXGASKE

NOTE: Lid height is 0.16" (4 mm)

Replacement or Upgrade Hardware Packs

Size	Philips Head Machine Screws (100 or 50-packs)				Torx with Pin Tamper-Resistant Screws (50-packs)				
	Natural	Black	Water Tight	Water-Tight Black	Natural	Black	Water Tight	Water-Tight Black	Screwdriver Bit
1590LLB	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590LB	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590H	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590Y	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590A	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590G	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590G2	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590S	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590B	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590B2	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590BS	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590B3	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590BB	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590BB2	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590BBS	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590Q	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590U	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590V	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590C	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590T	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590CE	1550MS100	1550MS100BK	1550WMS100	1550WMS100BK	1550MS50T	1550MS50TBK	1550WMS50T	1550WMS50TBK	SCDRIVET15-2
1590N1	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590KK	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590K	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590J	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590XX	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590X	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590P1	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590DD	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590D	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590E	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590F	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590R1	1590MS100	1590MS50BK	1590WMS100	1590WMS100BK	1590MS50T	1590MS50TBK	1590WMS50T	1590WMS50TBK	SCDRIVET10-2
1590DE	1550MS100	1550MS100BK	1550WMS100	1550WMS100BK	1550MS50T	1550MS50TBK	1550WMS50T	1550WMS50TBK	SCDRIVET15-2
1590EE	1550MS100	1550MS100BK	1550WMS100	1550WMS100BK	1550MS50T	1550MS50TBK	1550WMS50T	1550WMS50TBK	SCDRIVET15-2