Watertight Extruded Aluminum Enclosures *1457 Series*

IP65, Heavy Duty, Wall-mounting Option









RoHS

Key Features:

- Tough watertight extruded enclosures designed to house PC boards or for equipment interfacing.
- Sized for standard Eurocards.
- PC boards mount horizontally by sliding into internal slots extruded into the enclosure body.
- Rugged body constructed from one piece of extruded aluminum with a minimum thickness of 0.06” (1.5 mm).
- Designed to meet IP65.
- Extruded aluminum body includes a recessed area for labels or membrane keypad.
- End panels are rugged yet easy to machine diecast aluminum with full perimeter self-adhesive gaskets.
- Choice of enclosure with flat end panels or enclosure with flanged end panels.

Includes:

- Two diecast aluminum end panels painted in a durable, black satin powder paint.
- Extruded aluminum body in choice of clear anodized or black powder coat finish.
- Two closed-cell polyethylene foam end plate gaskets.
- Stainless steel assembly hardware with rubber o-ring and adhesive rubber feet.
- Thread forming screws provided are black zinc plated for corrosion protection to ASTM B633-13:
  - to Type II rating (96 hour Salt Spray Test)
  - SC3 severe rating (12 micron thickness coating)
- Replacement assembly screws can be purchased in packs of 100 screws under part number **1457MS100**
- NOTE: Recommended screw torque is 5 lbf/in



Available with black powder coat or clear anodize finish and with or without wall-



Enclosure includes extruded body, diecast end panels, gaskets, and hardware. Extra end panel kits are



Built to be waterproof and

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mounting flanges. sold separately. tough.







Enclosures

Water-Tight, No Flanges	Water-Tight w/ Flanges	Extrusion Finish	Extrusion Length (mm)	Width (mm)	Height (mm)	Max PCB Length (mm)	Max PCB Width (mm)
1457C801	**1457C802**	Clear Anodize	80.00	59.00	31.00	80.00	55.00
1457C801BK	**1457C802BK**	Black Powder Coat	80.00	59.00	31.00	80.00	55.00
1457C1201	**1457C1202**	Clear Anodize	120.00	59.00	31.00	120.00	55.00
1457C1201BK	**1457C1202BK**	Black Powder Coat	120.00	59.00	31.00	120.00	55.00
1457J1201	**1457J1202**	Clear Anodize	120.00	84.00	28.50	120.00	80.00
1457J1201BK	**1457J1202BK**	Black Powder Coat	120.00	84.00	28.50	120.00	80.00
1457K1201	**1457K1202**	Clear Anodize	120.00	84.00	44.00	120.00	80.00
1457K1201BK	**1457K1202BK**	Black Powder Coat	120.00	84.00	44.00	120.00	80.00
1457L1201	**1457L1202**	Clear Anodize	120.00	104.00	32.00	120.00	100.00
1457L1201BK	**1457L1202BK**	Black Powder Coat	120.00	104.00	32.00	120.00	100.00
1457N1201	**1457N1202**	Clear Anodize	120.00	104.00	55.00	120.00	100.00
1457N1201BK	**1457N1202BK**	Black Powder Coat	120.00	104.00	55.00	120.00	100.00
1457J1601	**1457J1602**	Clear Anodize	160.00	84.00	28.50	160.00	80.00
1457J1601BK	**1457J1602BK**	Black Powder Coat	160.00	84.00	28.50	160.00	80.00
1457K1601	**1457K1602**	Clear Anodize	160.00	84.00	44.00	160.00	80.00
1457K1601BK	**1457K1602BK**	Black Powder Coat	160.00	84.00	44.00	160.00	80.00
1457L1601	**1457L1602**	Clear Anodize	160.00	104.00	32.00	160.00	100.00
1457L1601BK	**1457L1602BK**	Black Powder Coat	160.00	104.00	32.00	160.00	100.00
1457N1601	**1457N1602**	Clear Anodize	160.00	104.00	55.00	160.00	100.00
1457N1601BK	**1457N1602BK**	Black Powder Coat	160.00	104.00	55.00	160.00	100.00
1457T1601	**1457T1602**	Clear Anodize	160.00	165.50	54.00	160.00	160.00
1457T1601BK	**1457T1602BK**	Black Powder Coat	160.00	165.50	54.00	160.00	160.00
1457U1601	**1457U1602**	Clear Anodize	160.00	191.00	67.50	160.00	186.00
1457U1601BK	**1457U1602BK**	Black Powder Coat	160.00	191.00	67.50	160.00	186.00
1457T2201	**1457T2202**	Clear Anodize	220.00	165.50	54.00	220.00	160.00
1457T2201BK	**1457T2202BK**	Black Powder Coat	220.00	165.50	54.00	220.00	160.00
1457U2201	**1457U2202**	Clear Anodize	220.00	191.00	67.50	220.00	186.00
1457U2201BK	**1457U2202BK**	Black Powder Coat	220.00	191.00	67.50	220.00	186.00
1457U2801	**1457U2802**	Clear Anodize	280.00	191.00	67.50	280.00	186.00
1457U2801BK	**1457U2802BK**	Black Powder Coat	280.00	191.00	67.50	280.00	186.00

Replacement End Panels

Enclosure Part Number Beginning With	End Panel Kit (No Mounting Flanges)		End Panel Kit w/ Integrated Mounting Flanges	
	2-pack	10-pack	2-pack	10-pack
1457C	**1457CWP**	**1457CWP-10**	**1457CWPF**	**1457CWPF-10**

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Enclosure Part Number Beginning With	End Panel Kit (No Mounting Flanges) 2-pack	End Panel Kit (No Mounting Flanges) 10-pack	End Panel Kit w/ Integrated Mounting Flanges 2-pack	End Panel Kit w/ Integrated Mounting Flanges 10-pack
1457J	1457JWP	1457JWP-10	1457JWPF	1457JWPF-10
1457K	1457KWP	1457KWP-10	1457KWPF	1457KWPF-10
1457L	1457LWP	1457LWP-10	1457LWPF	1457LWPF-10
1457N	1457NWP	1457NWP-10	1457NWPF	1457NWPF-10
1457T	1457TWP	1457TWP-10	1457TWPF	1457TWPF-10
1457U	1457UWP	1457UWP-10	1457UWPF	1457UWPF-10

Replacement Gaskets

Enclosure Part Number Beginning With	Water-Tight Gaskets 10-pack	EMI Gaskets 10-pack
1457C	1457CPG-10	1457CEG-10
1457J	1457JPG-10	1457JEG-10
1457K	1457KPG-10	1457KEG-10
1457L	1457LPG-10	1457LEG-10
1457N	1457NPG-10	1457NEG-10
1457T	1457TPG-10	1457TEG-10
1457U	1457UPG-10	1457UEG-10

Tags: **extruded**, **anodized**, **board mount**, **PCB slot**, **PCB enclosure**, **watertight**, **extrusion**

Data subject to change without notice.

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