

# BUD NEMA Die-Cast Aluminum Enclosures

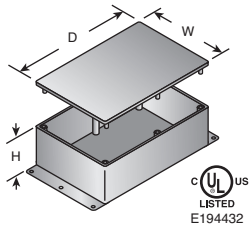


## NEMA 1, 2, 4, 4X, 12, & 13, UL508 SEALED DIE-CAST ALUMINUM ENCLOSURES

### With Mounting Bracket

Die cast aluminum NEMA 4X boxes with external mounting brackets increase both adaptability and uses. These boxes allow for the mounting of the box without having to remove the cover, thereby possibly compromising the NEMA 4X rating.

- Tested and listed to UL-508 type 4X requirements (UL File # E194432)
- ADC-12 aluminum alloy
- Excellent screening properties
- Gasketed covers attach w/M4 stainless steel screws
- Internal bosses for mounting PCBs horizontally
- Most models also allow for vertical PCB mounting
- Mounts to wall or panel w/ #10 size screws (not furnished)
- Heavy duty .09" thick external wall mounting bracket
- EPDM gaskets (installed in Natural finish boxes; included but not installed in Black finish boxes)

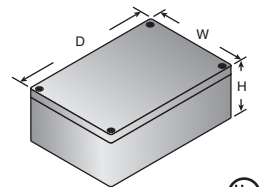


For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Bud Part No.	Dimensions: in.			Price Each			
		D	W	H	1	5	10	25
<b>Natural Finish</b>								
563-AN-2800	AN-2800	3.54	1.42	1.18	14.22	13.52	12.86	12.23
563-AN-2801	AN-2801	2.52	2.28	1.38	14.59	13.88	13.20	12.55
563-AN-2802	AN-2802	4.53	2.56	1.18	18.29	17.39	16.54	15.73
563-AN-2803	AN-2803	4.53	2.56	2.17	20.97	19.94	18.97	18.04
563-AN-2804	AN-2804	4.53	3.54	2.17	22.72	21.61	20.55	19.54
563-AN-2805	AN-2805	5.83	4.25	2.95	35.85	34.10	32.43	30.84
563-AN-2806	AN-2806	6.73	4.76	2.17	36.95	35.14	33.42	31.78
563-AN-2807	AN-2807	8.75	5.75	2.17	39.92	37.96	36.10	34.33
563-AN-2808	AN-2808	8.75	5.75	3.25	45.55	43.31	41.19	39.18
563-AN-2809	AN-2809	4.75	4.75	4.00	39.82	37.87	36.01	34.25
563-AN-2810	AN-2810	6.25	6.25	4.00	44.71	42.52	40.43	38.45
563-AN-2811	AN-2811	1.97	1.77	1.12	13.85	13.17	12.53	11.91
563-AN-2812	AN-2812	3.85	2.52	1.35	17.83	16.96	16.13	15.34
563-AN-2813	AN-2813	4.90	3.14	1.59	21.53	20.47	19.47	18.52
563-AN-2814	AN-2814	4.90	3.14	2.26	23.74	22.58	21.47	20.42
563-AN-2815	AN-2815	5.91	2.52	1.45	23.10	21.97	20.90	19.87
563-AN-2816	AN-2816	6.29	3.93	2.37	35.38	33.65	32.00	30.43
563-AN-2817	AN-2817	6.29	3.93	3.19	37.97	36.11	34.34	32.66
<b>Smooth Black Powdercoat Finish</b>								
563-AN-2800-B	AN-2800-B	3.54	1.42	1.18	13.55	13.53	13.51	12.85
563-AN-2801-B	AN-2801-B	2.52	2.28	1.38	15.53	14.77	14.04	13.36
563-AN-2802-B	AN-2802-B	4.53	2.56	1.18	20.05	19.07	18.13	17.24
563-AN-2803-B	AN-2803-B	4.53	2.56	2.17	22.54	21.43	20.38	19.38
563-AN-2804-B	AN-2804-B	4.53	3.54	2.17	25.32	24.08	22.90	21.78
563-AN-2805-B	AN-2805-B	5.83	4.25	2.95	39.82	37.87	36.01	34.25
563-AN-2806-B	AN-2806-B	6.73	4.76	2.17	40.56	38.57	36.68	34.88
563-AN-2807-B	AN-2807-B	8.75	5.75	2.17	47.02	44.72	42.53	40.45
563-AN-2808-B	AN-2808-B	8.75	5.75	3.25	52.84	50.25	47.79	45.45
563-AN-2809-B	AN-2809-B	4.75	4.75	4.00	43.24	41.12	39.11	37.19
563-AN-2810-B	AN-2810-B	6.25	6.25	4.00	49.52	47.10	44.79	42.60
563-AN-2811-B	AN-2811-B	1.97	1.77	1.12	14.51	13.80	13.12	12.48
563-AN-2812-B	AN-2812-B	3.85	2.52	1.35	19.12	18.19	17.30	16.45
563-AN-2813-B	AN-2813-B	4.90	3.14	1.59	24.30	23.11	21.98	20.90
563-AN-2814-B	AN-2814-B	4.90	3.14	2.26	29.00	26.58	24.17	23.36
563-AN-2815-B	AN-2815-B	5.91	2.52	1.45	24.95	23.73	22.57	21.46
563-AN-2816-B	AN-2816-B	6.29	3.93	2.37	39.26	37.34	35.51	33.77
563-AN-2817-B	AN-2817-B	6.29	3.93	3.19	41.95	39.89	37.94	36.08

### Without Mounting Bracket

Die cast in aluminum alloy and resistant to atmospheric and marine corrosion, these enclosures are ideal for housing sensitive electronic assemblies and pneumatic, hydraulic, and electrical devices in both commercial and industrial environments.



- Designed to IP 65 of IEC 529, NEMA 4X, and UL508
- Cover incorporates a recessed Neoprene gasket
- Internal bosses for mounting PCBs horizontally
- Internal guide slots for mounting PCB assemblies vertically

Style A: Includes wall mounting holes.  
Style B: Does not have wall mounting holes.

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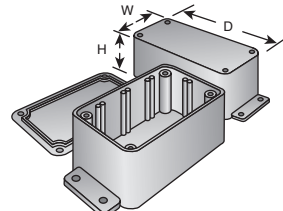
MOUSER STOCK NO.	Bud Part No.	Style	Dimensions: in.			Price Each			
			D	W	H	1	5	10	25
<b>Natural Finish</b>									
563-AN-1300	AN-1300	B	3.54	1.42	1.18	5.82	5.54	5.27	4.31
563-AN-1301	AN-1301	A	2.52	2.28	1.38	6.50	5.51	5.41	4.05
563-AN-1302	AN-1302	A	4.53	2.56	1.18	9.40	8.01	7.83	5.90
563-AN-1303	AN-1303	A	4.53	2.56	2.17	11.40	9.69	9.50	7.15
563-AN-1304	AN-1304	A	4.53	3.54	2.17	13.40	11.38	11.18	8.35
563-AN-1305	AN-1305	B	5.83	4.25	2.95	24.00	20.40	20.00	15.00
563-AN-1306	AN-1306	B	6.73	4.76	2.17	24.40	20.76	20.35	15.25
563-AN-1307	AN-1307	A	8.82	5.83	2.17	25.80	21.93	21.50	16.15
563-AN-1308	AN-1308	A	8.82	5.83	3.25	26.80	25.45	24.10	20.10
563-AN-1309	AN-1309	A	4.75	4.75	4.00	23.90	22.70	21.50	17.95
563-AN-1310	AN-1310	A	6.25	6.25	4.00	26.80	25.45	24.10	20.10
563-AN-1311	AN-1311	A	1.97	1.77	1.12	5.25	5.00	4.75	3.95
563-AN-1312	AN-1312	A	3.85	2.52	1.35	9.34	7.96	7.80	5.84
563-AN-1313	AN-1313	A	4.90	3.14	1.59	10.50	9.97	9.45	7.90
563-AN-1314	AN-1314	A	4.90	3.14	2.26	12.50	11.87	11.25	9.40
563-AN-1315	AN-1315	A	5.91	2.52	1.45	11.75	11.17	10.60	8.80
563-AN-1316	AN-1316	A	6.30	3.94	2.36	20.40	19.37	18.35	15.30
563-AN-1317	AN-1317	A	6.30	3.94	3.19	22.85	21.70	20.55	17.15
<b>Smooth Gray Finish</b>									
563-AN-1300-G	AN-1300-G	B	3.54	1.42	1.18	9.10	8.65	8.20	6.85
563-AN-1301-G	AN-1301-G	A	2.52	2.28	1.38	9.40	8.92	8.45	7.05
563-AN-1302-G	AN-1302-G	A	4.53	2.56	1.18	14.04	13.35	12.69	10.38
563-AN-1303-G	AN-1303-G	A	4.53	2.56	2.17	16.44	15.63	14.87	12.16
563-AN-1304-G	AN-1304-G	A	4.53	3.54	2.17	19.76	18.80	17.88	14.62
563-AN-1305-G	AN-1305-G	B	5.83	4.25	2.95	31.77	30.22	28.74	23.51
563-AN-1306-G	AN-1306-G	B	6.73	4.76	2.17	32.14	30.57	29.07	23.78
563-AN-1307-G	AN-1307-G	A	8.82	5.83	2.17	34.55	32.85	31.24	25.56
563-AN-1308-G	AN-1308-G	A	8.82	5.83	3.25	39.15	37.20	35.25	29.35
563-AN-1309-G	AN-1309-G	A	4.75	4.75	4.00	31.35	29.77	28.20	23.50
563-AN-1310-G	AN-1310-G	A	6.25	6.25	4.00	39.15	37.20	35.25	29.35
563-AN-1311-G	AN-1311-G	A	1.97	1.77	1.12	8.60	8.17	7.75	6.45
563-AN-1312-G	AN-1312-G	A	3.86	2.52	1.34	11.35	10.77	10.20	8.50
563-AN-1313-G	AN-1313-G	A	4.90	3.14	1.59	15.00	14.25	13.50	11.25
563-AN-1314-G	AN-1314-G	A	4.90	3.14	2.26	19.00	18.05	17.10	14.25
563-AN-1315-G	AN-1315-G	A	5.91	2.52	1.45	17.50	16.62	15.75	13.15
563-AN-1316-G	AN-1316-G	A	6.29	3.93	2.37	28.50	27.07	25.65	21.40
563-AN-1317-G	AN-1317-G	A	6.29	3.93	3.19	32.25	30.65	29.05	24.20

Metal Boxes

## NEMA 4X DIE-CAST ALUMINUM ENCLOSURES

### With Mounting Flanges

- Rugged #ADC-12 alloy die cast aluminum box with NEMA 1, 2, 4, 4X, 12, 13 and IP65 ratings
- Available in Natural Finish (other finishes available upon request)
- Self-adhesive gasket easily attaches to cover
- Cover attaches with 4 or 6 screws for a secure and tight seal
- All sizes have internal card guides for PCB mounting
- Mounting flanges are molded-in, onto the short side of the base

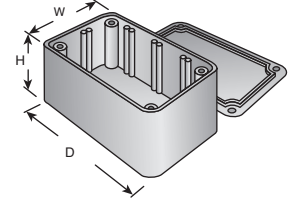


For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Bud Part No.	Molded-In Card Guides	Dimensions: in.			Price Each			
			D	W	H	1	10	100	200
563-CN-6702	CN-6702	Yes	3.52	1.38	1.22	5.85	5.25	4.70	4.40
563-CN-6703	CN-6703	Yes	4.51	2.50	1.22	9.24	8.34	7.40	6.95
563-CN-6704	CN-6704	Yes	4.51	2.50	2.22	10.95	9.84	8.75	8.19
563-CN-6705	CN-6705	Yes	4.54	3.57	2.22	12.44	11.19	9.95	9.35
563-CN-6706	CN-6706	Yes	4.73	3.95	1.44	12.44	11.19	9.95	9.35
563-CN-6707	CN-6707	Yes	5.47	4.01	3.05	16.49	14.85	13.20	12.39
563-CN-6708	CN-6708	Yes	6.51	5.01	3.05	20.70	18.64	16.55	15.54
563-CN-6709	CN-6709	Yes	6.78	4.77	2.22	19.30	17.35	15.45	14.49
563-CN-6710	CN-6710	Yes	6.78	4.77	4.21	23.20	20.89	18.55	17.40
563-CN-6711	CN-6711	Yes	8.75	5.74	2.25	26.05	23.44	20.84	19.55

### Without Mounting Flanges

- Rugged #ADC-12 alloy die cast aluminum box with NEMA 1, 2, 4, 4X, 12, 13 and IP65 ratings
- Available in Natural Finish (other finishes available upon request)
- Self-adhesive gasket easily attaches to cover
- Cover attaches with 4 or 6 screws for a secure and tight seal



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Bud Part No.	Molded-In Card Guides*	Dimensions: in.			Price Each			
			D	W	H	1	10	100	200
563-CN-5700	CN-5700	Yes	2.36	2.16	1.22	4.74	4.30	3.80	3.54
563-CN-5701	CN-5701	Yes	3.15	2.16	1.00	5.14	4.65	4.10	3.84
563-CN-5702	CN-5702	No	3.52	1.38	1.22	4.59	4.15	3.70	3.45
563-CN-5703	CN-5703	No	4.51	2.50	1.22	7.35	6.60	5.89	5.49
563-CN-5704	CN-5704	No	4.51	2.50	2.22	8.74	7.90	7.00	6.54
563-CN-5705	CN-5705	No	4.54	3.57	2.22	10.20	9.20	8.15	7.65
563-CN-5706	CN-5706	Yes	4.73	3.95	1.44	9.99	9.00	8.00	7.50
563-CN-5707	CN-5707	Yes	5.47	4.01	3.05	13.99	12.59	11.20	10.49
563-CN-5708	CN-5708	Yes	6.51	5.01	3.05	18.19	16.40	14.55	13.65
563-CN-5709	CN-5709	No	6.78	4.77	2.22	16.74	15.09	13.40	12.55
563-CN-5710	CN-5710	No	6.78	4.77	4.21	20.60	18.54	16.49	15.45
563-CN-5711	CN-5711	No	8.75	5.74	2.25	22.05	19.84	17.65	16.55
563-CN-5712	CN-5712	No	8.75	5.74	4.22	29.19	26.79	23.84	22.35
563-CN-5713	CN-5713	Yes	9.85	9.85	4.01	52.25	47.04	41.79	39.20
563-CN-5714	CN-5714	Yes	10.81	6.89	2.64	32.44	29.20	25.95	24.35