

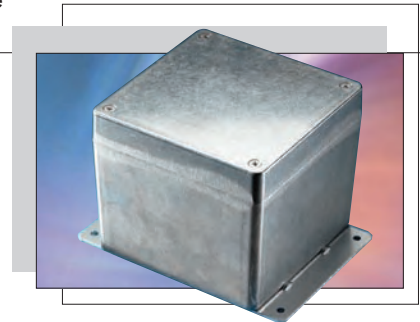
## DIE-CAST ALUMINUM BOXES



# AN-SERIES

## NEMA DIE-CAST ALUMINUM BOX WITH MOUNTING BRACKET

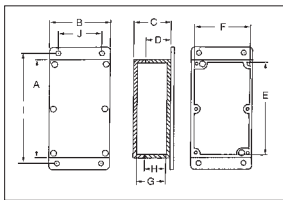
Die-cast aluminum NEMA boxes meet NEMA 1, 2, 4, 4X, 12, and 13 with external mounting brackets increasing both adaptability and use. These boxes allow for the mounting of the box without having to remove the cover, thereby possibly compromising the NEMA rating.



Catalog Numbers	External Dimensions				Internal Dimensions*				Mtg. Dim.		Internal Grounding or PCB Mounting Holes		Wall	Wgt.
	A	B	C	D	E	F	G	H	I	J	.125" Dia.†	.136" Dia.†	Thickness	Oz.
AN-2800	3.54"	1.42"	1.18"	.98"	3.17"	1.04"	.97"	.87"	4.25"	—	2	0	.11"	6.0
AN-2801	2.52"	2.28"	1.38"	1.17"	2.19"	1.95"	1.17"	1.07"	3.13"	1.25"	2	0	.13"	6.0
AN-2802	4.53"	2.56"	1.18"	.98"	4.13"	2.15"	.98"	.88"	5.19"	1.62"	4	0	.13"	10.0
AN-2803	4.53"	2.56"	2.17"	1.96"	4.03"	2.07"	1.96"	1.86"	5.19"	1.62"	4	0	.13"	14.0
AN-2804	4.53"	3.54"	2.17"	1.96"	4.01"	3.03"	1.96"	1.86"	5.25"	2.56"	4	0	.13"	16.0
AN-2805	5.83"	4.25"	2.95"	2.52"	5.34"	3.76"	2.71"	2.42"	6.38"	3.25"	4	0	.13"	28.0
AN-2806	6.73"	4.76"	2.17"	1.73"	6.27"	4.30"	1.89"	1.60"	7.38"	3.81"	4	0	.13"	28.0
AN-2807	8.75"	5.75"	2.17"	1.98"	8.27"	5.29"	1.95"	1.85"	9.38"	4.75"	4	0	.12"	57.0
AN-2808	8.75"	5.75"	3.25"	1.98"	8.27"	5.29"	3.07"	1.85"	9.38"	4.75"	4	0	.12"	78.0
AN-2809	4.75"	4.75"	4.00"	3.20"	4.38"	4.38"	3.80"	3.10"	5.25"	3.25"	4	0	.13"	33.5
AN-2810	6.25"	6.25"	4.00"	3.20"	5.88"	5.88"	3.80"	3.10"	6.75"	5.12"	4	0	.13"	40.0
AN-2811	1.97"	1.77"	1.12"	.89"	1.78"	1.58"	.93"	.77"	2.63"	.87"	0	2	.12"	3.6
AN-2812	3.85"	2.52"	1.35"	.99"	3.61"	2.28"	1.12"	.87"	4.50"	1.62"	0	4	.12"	9.0
AN-2813	4.90"	3.14"	1.59"	.99"	4.60"	2.83"	1.36"	.87"	5.56"	2.25"	3	4	.12"	16.0
AN-2814	4.90"	3.14"	2.26"	1.67"	4.60"	2.83"	2.03"	1.54"	5.62"	2.25"	3	4	.12"	18.5
AN-2815	5.91"	2.52"	1.45"	1.04"	5.63"	2.24"	1.13"	.88"	6.56"	1.62"	0	4	.15"	16.0
AN-2816	6.29"	3.93"	2.37"	1.58"	5.98"	3.62"	2.13"	1.46"	6.94"	3.00"	1	6	.12"	28.0
AN-2817	6.29"	3.93"	3.19"	2.40"	5.98"	3.62"	2.95"	2.28"	6.94"	3.00"	1	6	.12"	33.5

\* Reference Only - Request drawing for internal configuration and dimensions.

† Use hardware kit #57-58 (contains [4] M3.5 x 6mm self tapping screws, [4] M3.5 lock washers, [4] M4 x 6mm self tapping screws, and [4] M4 lock washers).



### Finishes

Natural or smooth black powdercoat (add -B suffix to part number)

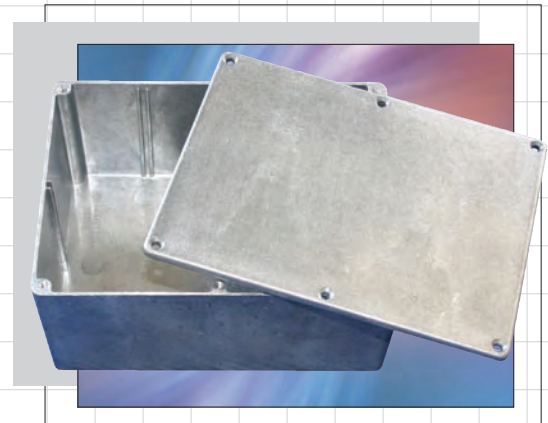
- ◆ Tested and listed to UL-508 Type 4X requirements (UL File #E194432)
- ◆ ADC-12 aluminum alloy
- ◆ Excellent screening properties
- ◆ Gasketed covers attach with M4 stainless steel screws
- ◆ Internal bosses for mounting PCBs horizontally or for connecting terminals, ground, etc. (Requires hardware kit #57-58, ordered separately)
- ◆ Most models also allow for vertical PCB mounting
- ◆ Mounts to wall or panel with #10 size screws (not furnished)
- ◆ Heavy duty .09" thick external wall mounting bracket
- ◆ Silicone gaskets (installed in natural finish boxes; included but not installed in black finish boxes)

## DIE-CAST ALUMINUM BOXES

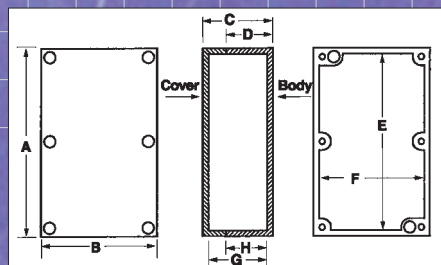
# CN-SERIES

## NEMA DIE-CAST BOXES

Die-cast aluminum NEMA boxes meet NEMA 1, 2, 4, 4X, 12, 13 and IP65 ratings. Many sizes have internal card guides for PC board mounting or partitioning.



Catalog Numbers	External Dimensions				Internal Dimensions				Wall	Wgt.	Molded-in Card Guides
	A	B	C	D	E	F	G	H	Thickness	Oz.	
CN-5700	2.36	2.16	1.22	1.02	2.25	2.05	1.11	0.97	0.06	2.5	Yes
CN-5701	3.15	2.16	1.00	0.80	3.03	2.04	0.88	0.74	0.06	2.9	Yes
CN-5702	3.52	1.38	1.22	1.02	3.40	1.26	1.10	0.96	0.06	2.5	No
CN-5703	4.51	2.50	1.22	1.02	4.39	2.38	1.10	0.96	0.06	4.3	No
CN-5704	4.51	2.50	2.22	2.02	4.39	2.38	2.10	1.96	0.06	5.8	No
CN-5705	4.54	3.57	2.22	2.02	4.39	3.41	2.06	1.94	0.08	8.1	No
CN-5706	4.73	3.95	1.44	1.24	4.59	3.79	1.28	1.16	0.08	8.7	Yes
CN-5707	5.47	4.01	3.05	2.85	5.31	3.85	2.89	2.77	0.08	14.0	Yes
CN-5708	6.51	5.01	3.05	2.85	6.35	4.85	2.89	2.77	0.08	18.0	Yes
CN-5709	6.78	4.77	2.22	2.02	6.62	4.61	2.06	1.94	0.08	15.3	No
CN-5710	6.78	4.77	4.21	4.01	6.62	4.61	4.05	3.93	0.08	22.2	No
CN-5711	8.75	5.74	2.25	2.05	8.59	5.58	2.09	1.97	0.08	22.2	No
CN-5712	8.75	5.74	4.22	4.02	8.59	5.58	4.06	3.94	0.08	30.3	No
CN-5713	9.85	9.85	4.01	3.81	9.65	9.65	3.81	3.71	0.10	56.2	Yes
CN-5714	10.81	6.89	2.64	2.44	10.79	6.87	2.62	2.43	0.01	33.7	Yes



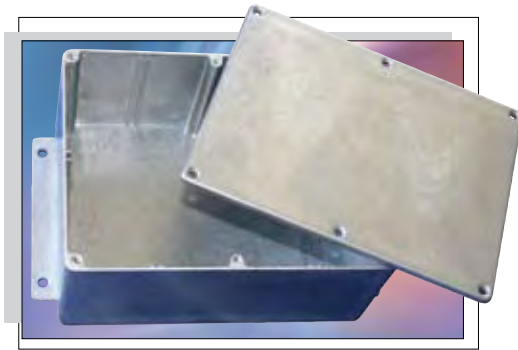
### Design Features

- ◆ ADC-12 aluminum alloy
- ◆ Self-adhesive gasket easily attaches to cover
- ◆ Cover attaches with 4 or 6 screws for a secure and tight seal
- ◆ Internal card guides for PC Board mounting or partitioning (see table)
- ◆ Natural finish (other finishes available upon request)
- ◆ Easily machined and modified to your particular requirements

## DIE-CAST ALUMINUM BOXES

# CN-SERIES

### NEMA DIE-CAST BOXES WITH MOUNTING FLANGE

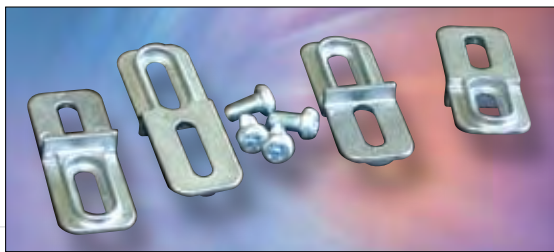
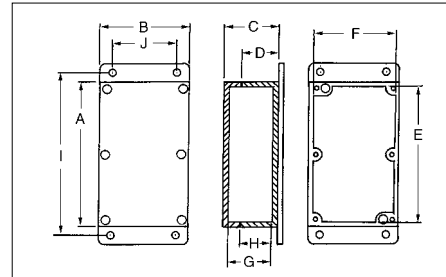


Die-cast aluminum NEMA boxes with mounting flanges can be wall- or panel-mounted without having to remove the cover. Mounting flanges are molded-in, eliminating welded-on plates that could trap fluids.

#### Design Features

- ◆ ADC-12 aluminum alloy
- ◆ Meets NEMA 1, 2, 4, 4X, 12, 13 and IP65 ratings
- ◆ Self-adhesive gasket easily attaches to cover
- ◆ Mounting flanges located on short side of the base
- ◆ Cover attaches with 4 or 6 screws for a secure and tight seal
- ◆ Internal card guides for PC Board mounting or partitioning
- ◆ Natural finish (other finishes available upon request)
- ◆ Easily machined and modified to your particular requirements

Catalog Numbers	External Dimensions				Internal Dimensions				Mtg. Dim.		Wall	Wgt.	Molded-in
	A	B	C	D	E	F	G	H	I	J	Thickness	Oz.	Card Guides
CN-6702	3.52	1.38	1.22	1.02	3.40	1.26	1.10	0.96	4.00	----	0.06	3.0	Yes
CN-6703	4.51	2.50	1.22	1.02	4.39	2.38	1.10	0.96	5.00	1.18	0.06	5.0	Yes
CN-6704	4.51	2.50	2.22	2.02	4.39	2.38	2.10	1.96	5.00	1.18	0.06	7.8	Yes
CN-6705	4.54	3.57	2.22	2.02	4.42	3.45	2.10	1.96	5.00	1.97	0.06	10.0	Yes
CN-6706	4.73	3.95	1.44	1.24	4.57	3.79	1.28	1.16	5.40	2.37	0.08	10.6	Yes
CN-6707	5.47	4.01	3.05	2.85	5.31	3.85	2.89	2.77	6.18	2.37	0.08	18.1	Yes
CN-6708	6.51	5.01	3.05	2.85	6.35	4.85	2.89	2.77	7.17	3.15	0.08	22.4	Yes
CN-6709	6.78	4.77	2.22	2.02	6.62	4.61	2.06	1.94	7.44	3.15	0.08	18.5	Yes
CN-6710	6.78	4.77	4.21	4.01	6.62	4.61	4.05	3.93	7.44	3.15	0.08	30.1	Yes
CN-6711	8.75	5.74	2.25	2.05	8.59	5.58	2.09	1.97	9.37	3.86	0.08	26.0	Yes



## DIE-CAST EXTERNAL MOUNTING BRACKETS

External mounting brackets enable die-cast boxes to be wall or panel mounted without opening the box. Can be used with all AN and ANS series Bud die-cast boxes except the AN-2900 and AN-2901. Package consists of 4 brackets and attaching screws.

#### ORDERING INFORMATION

Catalog No.	Description	Weight (oz.)
ANX-1390	Wall Mounting Bracket Kit - Natural	1.1
ANX-1390-B	Wall Mounting Bracket Kit - Black	1.1
ANX-1390-G	Wall Mounting Bracket Kit - Gray	1.1

## STEEL BOXES

# SN-SERIES

### NEMA SHEET METAL BOX



These sheet metal boxes meet NEMA 1, 2, 4, 4X, 12, 13 and IP65 ratings and can be mounted without need to remove cover and expose internal components.

#### Design Features

- ◆ Made from durable 14 ga. Steel (0.078" thick)
- ◆ Smooth continuous welded seams
- ◆ External mounting brackets allow the box to be mounted on a wall or panel without having to remove the cover and exposing internal components to the environment
- ◆ Hinged cover clamps to base with stainless steel screws and brackets for a watertight seal
- ◆ Weld nuts for inner panel mounting
- ◆ Bonding studs for grounding are provided on base and door
- ◆ Easily machined and modified to your particular requirements
- ◆ Indoor/outdoor
- ◆ Internal panel included
- ◆ Tested and passed UL508-4X requirements

Catalog No.	External Dimensions			Wgt. (Lbs.)
	H	W	D	
SN-3700	6"	4"	3"	4.2
SN-3701	8"	6"	3.5"	7.2
SN-3702	6"	6"	4"	6.2
SN-3703	12"	10"	5"	16.0
SN-3704	10"	8"	6"	12.6
SN-3705	12"	12"	6"	19.6
SN-3706	14"	12"	6"	21.6
SN-3707	16"	14"	6"	27.0
SN-3708	14"	12"	8"	24.0
SN-3709	16"	14"	10"	32.6

#### Finish

Gray powdercoat

#### Accessories

Comes with a 14 ga. steel, powder-coated removable inner panel

