

PLASTIC BOXES

UL/NEMA/IEC

NBF-SERIES



These gasketed all-plastic enclosures have been designed meet NEMA 1, 2, 4, 4X, 12, 13 and IEC529-IP66 requirements, which allows them to be used in many wet, dirty and/or corrosive environments.

DESIGN FEATURES

- Designed to IP66 of IEC 529 and NEMA 1, 2, 4, 4X, 12, and 13 specifications.
- All plastic construction including hinge pins.
- Comes complete with stainless steel wall mounting brackets and hardware.
- Style A has two or three plastic latches.
- Style B has two plastic latches and one stainless steel padlockable latch.

INDOOR VERSIONS:

- ABS plastic enclosures are molded out of light gray material with UL94-HB flammability rating. (Not UL Listed.)
- ABS/PC blended plastic enclosures are molded out of light gray material with UL94-5VA flammability rating. Suggested service temperature range -40°C to +70°C.
- Clear doors, for all models, are molded out of polycarbonate material with UL94-V0 flammability rating.

OUTDOOR VERSIONS:

- *PC/PBT blended plastic enclosures are molded out of light gray material with UL94-5VA flammability rating and UV stabilized.

ABS Version Catalog No.	Indoor Version Catalog Number		Outdoor Version Catalog Number		Style	Nominal External Dimensions Inches [Millimeters]				Actual Internal Dimensions Inches (±0.06)			Wt. Lbs.
	Solid Door	Clear Door	Solid Door	Clear Door		A	B	C	D	E	F	G	
NBF-32002	NBF-32102	NBF-32202	NBF-32302	NBF-32402	A	5.11 [130]	3.93 [100]	2.75 [70]	1.97 [50]	4.55	3.42	2.52	0.6
NBF-32004	NBF-32104	NBF-32204	NBF-32304	NBF-32404	A	5.90 [150]	3.93 [100]	7.25 [70]	1.97 [50]	5.37	3.42	2.52	0.7
NBF-32006	NBF-32106	NBF-32206	NBF-32306	NBF-32406	A	7.87 [200]	3.93 [100]	2.75 [70]	1.97 [50]	7.31	3.42	2.52	0.8
NBF-32008	NBF-32108	NBF-32208	NBF-32308	NBF-32408	A	10.63 [270]	3.93 [100]	2.75 [70]	1.97 [50]	10.02	3.42	2.52	0.8
NBF-32010	NBF-32010	NBF-32210	NBF-32310	NBF-32410	A	5.90 [150]	5.90 [150]	3.54 [90]	2.76 [70]	5.22	5.22	3.31	0.8
NBF-32012*	NBF-32012*	NBF-32212*	NBF-32312*	NBF-32412*	A	7.87 [200]	5.90 [150]	3.93 [100]	2.95 [75]	7.70	5.73	3.70	1.2
NBF-32014*	NBF-32114*	NBF-32214*	NBF-32314*	NBF-32414*	A	7.08 [200]	7.08 [200]	5.90 [150]	4.72 [120]	7.09	7.09	5.67	1.5
NBF-32016*	NBF-32116*	NBF-32216*	NBF-32316*	NBF-32416*	A	11.81 [300]	7.87 [200]	5.11 [130]	4.02 [102]	11.18	7.20	4.82	2.0
NBF-32018	NBF-32118	NBF-32218	NBF-32318	NBF-32418	A	11.81 [300]	7.87 [200]	6.29 [160]	5.20 [132]	11.18	7.20	6.00	2.7
NBF-32020*	NBF-32120*	NBF-32220*	NBF-32320*	NBF-32420*	A	11.81 [300]	7.87 [200]	7.87 [200]	6.81 [173]	11.18	7.20	7.58	2.8
NBF-32022*	NBF-32122*	NBF-32222*	NBF-32322*	NBF-32422*	A	13.78 [350]	9.84 [250]	5.90 [150]	4.72 [120]	12.99	9.06	5.61	3.0
NBF-32024*	NBF-32124*	NBF-32224*	NBF-32324*	NBF-32424*	A	13.78 [350]	9.84 [250]	7.08 [200]	5.91 [150]	12.99	9.06	7.58	4.7
NBF-32026	NBF-32126	NBF-32226	NBF-32326	NBF-32426	A	15.74 [400]	11.81 [300]	6.29 [160]	5.20 [132]	15.14	11.02	5.96	5.6
NBF-32028*	NBF-32128*	NBF-32228*	NBF-32328*	NBF-32428*	A	17.71 [450]	13.78 [350]	6.29 [160]	5.12 [130]	16.65	12.64	5.96	6.9
NBF-32030*	NBF-32130*	NBF-32230*	NBF-32330*	NBF-32430*	A	17.71 [450]	13.78 [350]	7.87 [200]	6.69 [170]	16.65	12.64	7.54	8.9
NBF-32032	NBF-32132	NBF-32232	NBF-32332	NBF-32432	A	19.68 [500]	15.74 [400]	6.29 [160]	5.12 [130]	18.82	14.88	5.96	9.6
NBF-32034*	NBF-32134*	NBF-32234*	NBF-32334*	NBF-32434*	A	19.68 [500]	15.74 [400]	7.87 [200]	6.69 [170]	18.82	14.88	7.54	10.6
NBF-32036*	NBF-32136*	NBF-32236*	NBF-32336*	NBF-32436*	A	20.86 [530]	16.92 [430]	6.29 [160]	5.12 [130]	19.69	15.71	5.96	10.6
NBF-32038	NBF-32138	NBF-32238	NBF-32338	NBF-32438	A	20.86 [530]	16.92 [430]	7.87 [200]	6.69 [170]	19.69	15.71	7.54	11.7
NBF-32040*	NBF-32140*	NBF-32240*	NBF-32340*	NBF-32440*	B	23.62 [600]	19.68 [500]	7.08 [200]	5.91 [150]	23.58	19.69	6.71	13.9
NBF-32042	NBF-32142	NBF-32242	NBF-32342	NBF-32442	B	23.62 [600]	19.68 [500]	9.84 [250]	8.66 [220]	23.62	19.69	9.47	16.1
NBF-32044*	NBF-32144*	NBF-32244*	NBF-32344*	NBF-32444*	B	27.55 [700]	19.68 [500]	7.08 [200]	5.91 [150]	27.52	19.65	6.71	15.8
NBF-32046	NBF-32146	NBF-32246	NBF-32346	NBF-32446	B	27.55 [700]	19.68 [500]	9.84 [250]	8.66 [220]	27.56	19.69	9.47	18.2

* Non-stocking item. Contact factory for price and availability.

NBA SERIES

Front doors have stainless steel hinges and latches



NBB SERIES

Front doors have plastic hinges and snap-action latches



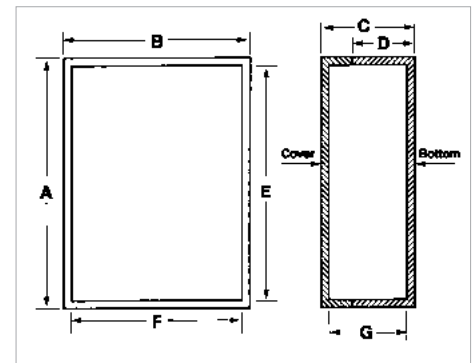
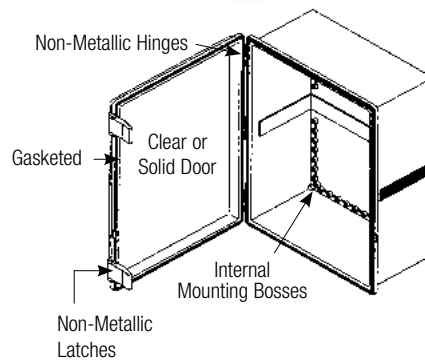
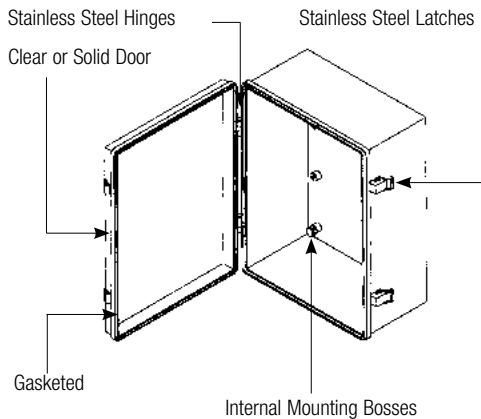
Most of these gasketed enclosures have been tested and approved to UL508-4X specifications, with a few being approved to UL50-4X. All enclosures meet NEMA 1, 2, 4, 4X, 12, and 13 and IEC529-IP65 requirements. (NBA is not NEMA 12.)

INDOOR VERSIONS:

- ABS plastic enclosures are molded out of light gray material with a UL94-HB flammability rating
- UL508-4X enclosures are molded out of light gray ABS/PC blended plastic with a UL94-5VB flammability rating
- Clear doors for all models are Polycarbonate plastic with a UL94V-0 flammability rating

OUTDOOR VERSIONS:

- UL508-4X enclosures are molded out of light gray PC/PBT blended plastic with a UL94-5VA flammability rating



NBA SERIES DIMENSIONS

Indoor Version Cat. No.		Outdoor Version Cat. No.		External				Internal*			Wt. Lbs.
Solid Door	Clear Door	Solid Door	Clear Door	A	B	C	D	E	F	G	
NBA-10142	NBA-10162	Contact Bud Factory		11.80"	7.85"	5.97"	4.80"	11.00"	7.02"	5.69"	3.4
NBA-10144	NBA-10164			11.80"	7.85"	7.09"	5.90"	11.00"	7.02"	6.80"	3.8
NBA-10148	NBA-10168			15.75"	11.80"	7.09"	5.90"	14.93"	10.94"	6.80"	6.2
NBA-10152	NBA-10172			19.68"	15.75"	7.87"	6.69"	18.85"	14.90"	7.60"	10.4
NBA-10156	NBA-10176			23.61"	15.75"	9.06"	7.87"	22.78"	14.90"	8.80"	13.5

*Reference Only - Request drawing for Internal configuration and dimensions.

NBB SERIES DIMENSIONS

ABS Version** Cat. No.		UL508-4X Indoor Version Cat. No.		UL508-4X Outdoor Version Cat. No.		External				Internal*			Wt. Lbs.
Solid Door	Clear Door	Solid Door	Clear Door	Solid Door	Clear Door	A	B	C	D	E	F	G	
NBB-22220	NBB-10220	NBB-10230		Contact Bud Factory For Other Outdoor Versions		5.11"	3.94"	2.75"	1.96"	4.37"	3.18"	2.53"	0.6
NBB-22221	NBB-10221	NBB-10231				5.90"	3.94"	2.75"	1.96"	5.11"	3.18"	2.53"	0.7
NBB-22222	NBB-10222	NBB-10232				7.87"	3.94"	2.75"	1.96"	7.08"	3.18"	2.53"	0.8
NBB-22223	NBB-10223	NBB-10233				10.63"	3.94"	2.75"	1.96"	9.88"	3.18"	2.53"	1.1
NBB-22240	NBB-10240	NBB-10260	NBB-15240			5.90"	5.90"	3.57"	2.75"	5.04"	5.04"	3.27"	1.1
NBB-22241	NBB-10241	NBB-10261				10.73"	6.79"	4.33"	3.15"	9.84"	5.90"	4.07"	1.8
NBB-22243	NBB-10243	NBB-10263	NBB-15243			11.28"	7.47"	5.50"	4.33"	10.46"	6.65"	5.25"	2.8
NBB-22245	NBB-10245	NBB-10265	NBB-15245			13.00"	13.00"	7.04"	5.86"	12.14"	12.14"	6.79"	5.6
NBB-22247	NBB-10247	NBB-10267	NBB-15247			15.68"	11.73"	6.30"	5.11"	14.88"	10.89"	6.03"	5.6
NBB-22251	NBB-10251	NBB-10271				14.52"	10.55"	5.90"	4.72"	13.74"	9.76"	5.64"	4.6
NBB-22253	NBB-10253	NBB-10273	NBB-15253			19.17"	14.64"	7.85"	6.67"	18.33"	13.75"	7.60"	9.6
NBB-22258	NBB-10258	NBB-10278	NBB-15258			28.91"	21.03"	9.87"	8.66"	27.56"	19.67"	9.53"	22.2
NBB-32640						5.90"	5.90"	3.57"	2.76"	5.30"	5.30"	3.35"	0.8
NBB-32643						11.28"	7.47"	6.30"	5.12"	10.85"	6.91"	6.09"	2.8
NBB-32647						15.68"	11.73"	6.30"	5.12"	14.75"	10.81"	6.09"	5.6
NBB-32653						19.17"	14.88"	6.30"	5.12"	18.67"	14.74"	6.06"	9.6

*Reference Only - Request drawing for Internal configuration and dimensions.

**Not UL listed

PLASTIC BOXES

UL/NEMA/IEC

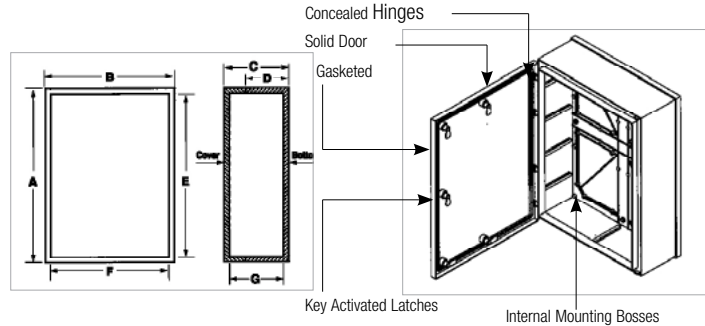
NBC SERIES

Front doors have
concealed hinges -
one size only



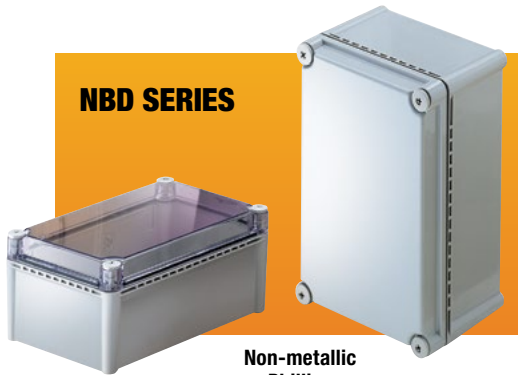
NBC SERIES DIMENSIONS										
Indoor Version Cat. No.		External				Internal*			Wt. Lbs.	
Solid Door	Clear Door	A	B	C	D	E	F	G		
NBC-10352	---	32.05"	24.18"	11.00"	10.02"	30.67"	22.82"	10.60"	27.50	

*Reference Only - Request a drawing for Internal configuration and dimensions.



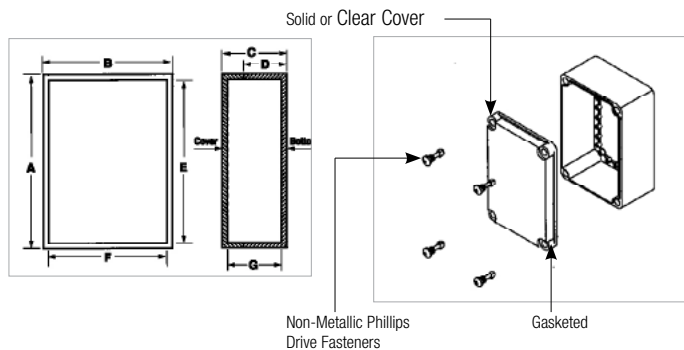
NBD SERIES

Non-metallic
Phillips
drive fasteners



NBD SERIES DIMENSIONS										
Indoor Version Cat. No.		Outdoor Version Cat. No.		External				Internal*		
Solid Door	Clear Door	Solid Door	Clear Door	A	B	C	D	E	F	G
NBD-10442	NBD-10462	NBD-15442	Contact Bud Factory	11.02"	7.48"	5.03"	3.85"	10.47"	6.66"	4.81"
NBD-10445	NBD-10465	NBD-15445		15.00"	7.53"	7.00"	3.85"	14.40"	6.70"	6.75"
NBD-10449	NBD-10469	NBD-15449		13.42"	11.05"	5.11"	3.92"	12.46"	10.09"	4.86"
NBD-10452	NBD-10472	NBD-15452		14.96"	11.02"	7.01"	3.85"	14.13"	10.20"	6.77"
NBD-10456	NBD-10476	NBD-15456		22.08"	14.97"	7.04"	5.82"	21.26"	14.17"	6.72"

*Reference Only - Request a drawing for Internal configuration and dimensions.



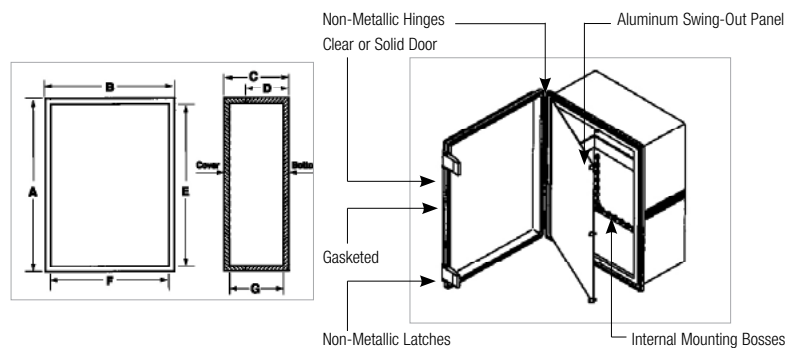
NBE SERIES

Same as
NBB Series
with swing
frame panel



NBE SERIES DIMENSIONS										
Indoor Version Cat. No.		Outdoor Version Cat. No.		External				Internal*		
Solid Door	Clear Door	Solid Door	Clear Door	A	B	C	D	E	F	G
NBE-10543	NBE-10563	Contact Bud Factory		11.28"	7.47"	5.50"	4.33"	10.46"	6.65"	5.25"
NBE-10547	NBE-10567			15.68"	11.73"	6.30"	5.11"	14.88"	10.89"	6.03"
NBE-10553	NBE-10573			19.17"	14.64"	7.85"	6.67"	18.33"	13.75"	7.60"
NBE-10558	NBE-10578			28.91"	21.03"	9.87"	8.66"	27.56"	19.67"	9.53"

*Reference Only - Request a drawing for Internal configuration and dimensions.



PLASTIC NEMA 4X BOX

NEMA PLASTIC BOX



PN-Series

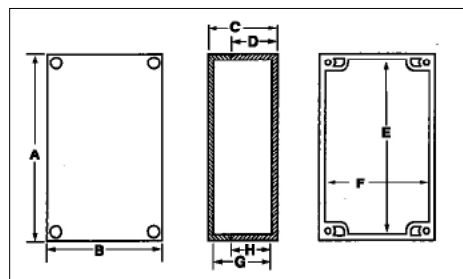
Catalog Numbers			External Dimensions				Internal Dimensions*				Wt. Oz.
Style 1	Style 2	Style 3	A	B	C	D	E	F	G	H	
PN-1320	PN-1320-C	PN-1320-DG	2.52"	2.28"	1.38"	.99"	2.28"	2.04"	1.18"	.89"	2.5
PN-1321	PN-1321-C	PN-1321-DG	4.53"	2.56"	1.57"	.99"	4.16"	2.19"	1.37"	.89"	4.0
PN-1322	PN-1322-C	PN-1322-DG	4.53"	2.56"	2.17"	1.58"	4.16"	2.19"	1.97"	1.48"	5.0
PN-1323	PN-1323-C	PN-1323-DG	4.53"	3.54"	2.17"	1.58"	4.16"	3.18"	1.93"	1.46"	5.5
PN-1324	PN-1324-C	PN-1324-DG	6.73"	4.76"	2.17"	1.58"	6.37"	4.40"	1.93"	1.46"	10.0
PN-1325	PN-1325-C	PN-1325-DG	8.74"	5.75"	2.17"	1.58"	8.37"	5.39"	1.93"	1.46"	15.5
PN-1326	PN-1326-C	PN-1326-DG	7.68"	3.15"	2.17"	1.78"	7.40"	2.87"	1.93"	1.66"	7.4
PN-1327	PN-1327-C	PN-1327-DG	6.73"	4.76"	3.15"	1.58"	6.37"	4.40"	2.92"	1.46"	13.0
PN-1328	PN-1328-C	PN-1328-DG	4.53"	3.54"	3.15"	2.56"	4.29"	3.30"	2.92"	2.44"	7.2
PN-1329	PN-1329-C	PN-1329-DG	8.74"	5.75"	2.95"	1.58"	8.37"	5.39"	2.71"	1.46"	18.6
PN-1330	PN-1330-C	PN-1330-DG	2.05"	1.97"	1.38"	.99"	1.82"	1.74"	1.19"	.89"	1.4
PN-1331	PN-1331-C	PN-1331-DG	3.23"	3.15"	2.17"	1.58"	2.99"	2.91"	1.89"	1.42"	4.3
PN-1332	PN-1332-C	PN-1332-DG	6.30"	3.15"	2.17"	1.58"	6.06"	2.91"	1.89"	1.42"	6.8
PN-1333	PN-1333-C	PN-1333-DG	6.30"	3.15"	3.35"	2.76"	6.06"	2.91"	3.08"	2.60"	9.8
PN-1334	PN-1334-C	PN-1334-DG	7.87"	4.72"	2.95"	2.37"	7.61"	4.46"	2.68"	2.21"	14.4
PN-1335	PN-1335-C	PN-1335-DG	10.43"	7.28"	3.74"	2.95"	10.17"	7.02"	3.49"	2.82"	28.0
PN-1336	PN-1336-C	PN-1336-DG	4.72"	4.72"	2.36"	1.18"	4.48"	4.48"	2.12"	1.06"	7.7
PN-1337	PN-1337-C	PN-1337-DG	4.72"	4.72"	3.54"	2.36"	4.48"	4.48"	3.31"	2.24"	9.8
PN-1338	PN-1338-C	PN-1338-DG	6.30"	6.30"	2.36"	1.18"	6.06"	6.06"	2.12"	1.06"	11.5
PN-1339	PN-1339-C	PN-1339-DG	6.30"	6.30"	3.54"	2.36"	6.06"	6.06"	3.31"	2.24"	13.6
PN-1340	PN-1340-C	PN-1340-DG	9.45"	6.30"	3.54"	3.01"	9.17"	6.02"	3.26"	2.81"	22.0
PN-1341	PN-1341-C	PN-1341-DG	9.45"	6.30"	4.72"	3.01"	9.17"	6.02"	4.44"	2.81"	27.4
PN-1342	PN-1342-C	PN-1342-DG	11.81"	9.06"	3.39"	2.22"	11.57"	8.82"	3.11"	2.04"	31.0
PN-1343	PN-1343-C	PN-1343-DG	11.81"	9.06"	4.37"	2.22"	11.57"	8.82"	4.09"	2.04"	34.0
PN-1344	PN-1344-C	PN-1344-DG	14.17"	7.87"	5.91"	3.94"	13.85"	7.56"	5.63"	3.62"	49.0

PNR-Series

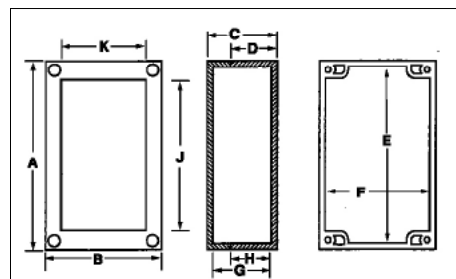
Catalog Numbers			External Dimensions				Internal Dimensions*				Recess Dim.		Wt. Oz.
Style 1	Style 2	Style 3	A	B	C	D	E	F	G	H	J	K	
PNR-2600	PNR-2600-C	PNR-2600-DG	3.94"	3.94"	2.17"	1.57"	3.64"	3.64"	1.92"	1.45"	3.33"	2.55"	6.3
PNR-2601	PNR-2601-C	PNR-2601-DG	3.94"	3.94"	3.54"	2.95"	3.64"	3.64"	3.29"	2.84"	3.33"	2.55"	8.3
PNR-2602	PNR-2602-C	PNR-2602-DG	4.72"	3.15"	2.17"	1.57"	4.45"	2.85"	1.92"	1.45"	3.54"	2.59"	6.0
PNR-2603	PNR-2603-C	PNR-2603-DG	4.72"	3.15"	3.35"	2.76"	4.45"	2.85"	3.10"	2.64"	3.54"	2.59"	7.8
PNR-2604	PNR-2604-C	PNR-2604-DG	7.87"	4.72"	3.54"	2.36"	7.54"	4.45"	3.29"	2.24"	6.70"	4.14"	16.3
PNR-2605	PNR-2605-C	PNR-2605-DG	9.45"	4.72"	2.36"	1.33"	9.15"	4.45"	1.92"	1.25"	8.25"	4.14"	14.7
PNR-2606	PNR-2606-C	PNR-2606-DG	9.45"	4.72"	3.94"	2.95"	9.12"	4.42"	3.69"	2.84"	8.25"	4.14"	19.3
PNR-2607	PNR-2607-C	PNR-2607-DG	7.87"	5.91"	2.17"	1.57"	7.54"	5.61"	1.92"	1.45"	6.65"	5.32"	14.0
PNR-2608	PNR-2608-C	PNR-2608-DG	7.87"	5.91"	2.95"	2.36"	7.54"	5.61"	2.65"	2.24"	6.65"	5.32"	15.7
PNR-2600	PNR-2600-C	PNR-2600-DG	3.94"	3.94"	2.17"	1.57"	3.64"	3.64"	1.92"	1.45"	3.33"	2.55"	6.3
PNR-2601	PNR-2601-C	PNR-2601-DG	3.94"	3.94"	3.54"	2.95"	3.64"	3.64"	3.29"	2.84"	3.33"	2.55"	8.3
PNR-2602	PNR-2602-C	PNR-2602-DG	4.72"	3.15"	2.17"	1.57"	4.45"	2.85"	1.92"	1.45"	3.54"	2.59"	6.0
PNR-2603	PNR-2603-C	PNR-2603-DG	4.72"	3.15"	3.35"	2.76"	4.45"	2.85"	3.10"	2.64"	3.54"	2.59"	7.8
PNR-2604	PNR-2604-C	PNR-2604-DG	7.87"	4.72"	3.54"	2.36"	7.54"	4.45"	3.29"	2.24"	6.70"	4.14"	16.3
PNR-2605	PNR-2605-C	PNR-2605-DG	9.45"	4.72"	2.36"	1.33"	9.15"	4.45"	1.92"	1.25"	8.25"	4.14"	14.7
PNR-2606	PNR-2606-C	PNR-2606-DG	9.45"	4.72"	3.94"	2.95"	9.12"	4.42"	3.69"	2.84"	8.25"	4.14"	19.3
PNR-2607	PNR-2607-C	PNR-2607-DG	7.87"	5.91"	2.17"	1.57"	7.54"	5.61"	1.92"	1.45"	6.65"	5.32"	14.0
PNR-2608	PNR-2608-C	PNR-2608-DG	7.87"	5.91"	2.95"	2.36"	7.54"	5.61"	2.65"	2.24"	6.65"	5.32"	15.7

*Reference only - request drawing for internal configuration and dimensions.

PN-Series



PNR-Series



Sealed Polycarbonate and ABS Enclosures

These Polycarbonate and high-impact ABS molded enclosures meet NEMA 1, 2, 4, 4X, 12, and 13, IEC52/IP65, and UL508-4X specifications. They are ideal for PCB enclosures, junction boxes, and other applications in the electrical and electronic industries which are used in wet, dirty and/or corrosive environments. Available in a variety of sizes, these molded enclosures are offered in three different styles:

- Style 1** Light gray polycarbonate body and cover. Body/Cover - UV stabilized, UL94-HB indoor/outdoor flammability rating.
- Style 2** Light gray polycarbonate body and clear polycarbonate cover. Body/Cover - UV stabilized, UL94-HB indoor/outdoor flammability rating.
- Style 3** Dark gray ABS body and cover. Body/Cover - UL94-HB flammability rating (indoor only).

DESIGN FEATURES

- Designed to IP65 of IEC 529 and NEMA 1, 2, 4, 4X, 12, and 13 specifications
- Tested and passed UL508-4X requirements
- Wall mounting holes and cover attaching screws are outside the sealing area, thus preventing ingress of moisture and dust
- Most models have internal guide slots for mounting PCB assemblies vertically
- Internal bosses allow mounting of PCBs horizontally or for connection of terminals, etc., into threaded brass inserts (except PN-1320, PN-1330, PN-1342, PN-1343, and PN-1344)
- Cover screws are M-4 stainless steel, non-magnetic and fasten into threaded brass inserts
- PN-Series boxes feature a smooth, flush top cover
- PNR-Series boxes feature a recessed area in the top cover for labels, nameplates, keypads, etc.
- Covers seal with silicone gasket



External Mounting Brackets

DESIGN FEATURES

External mounting brackets enable boxes to be wall or panel mounted without opening the box. Package consists of 4 brackets and attaching screws. **Material:** ABS with UL94-HB Flammability rating. Est. Wgt: 1.2 oz. Cannot be used on PN 1344.

Catalog No.	Color
MB-1390-LG	Light Gray
MB-1390-DG	Dark Gray