

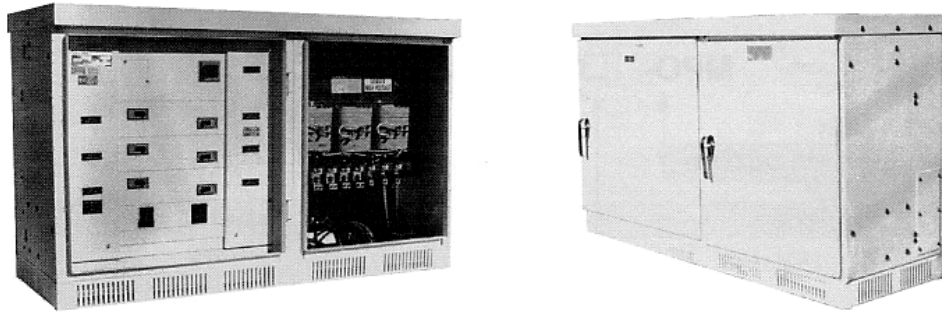
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## Marina Distribution Unit Substation and Panel

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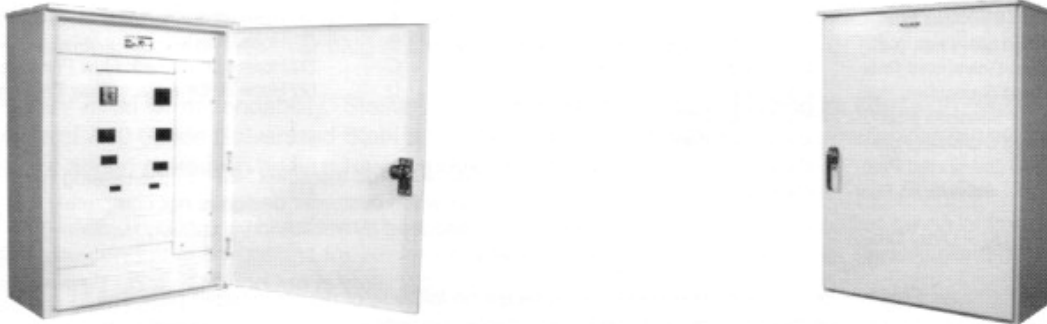
### MARINA DISTRIBUTION UNIT SUBSTATION (NMDUS)

Our complete marina grade distribution unit substation is specifically designed for marina applications from both a cost and efficiency standpoint. The **NMDUS** is a unique marina product that provides the marina developer a clean, low profile design containing a transformer and secondary distribution panel in a single corrosion resistant enclosure; saving the contractor installation time and money.

To withstand the harsh marina environment, *Milbank West's* standard specifications include an aircraft aluminum alloy enclosure (#5052-H32) with a white polyurethane, powder coat finish inside and out; copper cables and bussing; copper wound core and coil double dipped in heavy varnish. It is suitable for all wet locations, including commercial shipyards, and RV/Mobile home parks.

For efficient and safe power distribution, along with an attractive dock side design, for reduction of space and labor, the **NMDUS** is the ideal choice for electrical distribution on the dock.

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### MARINE DISTRIBUTION PANEL (MDP)

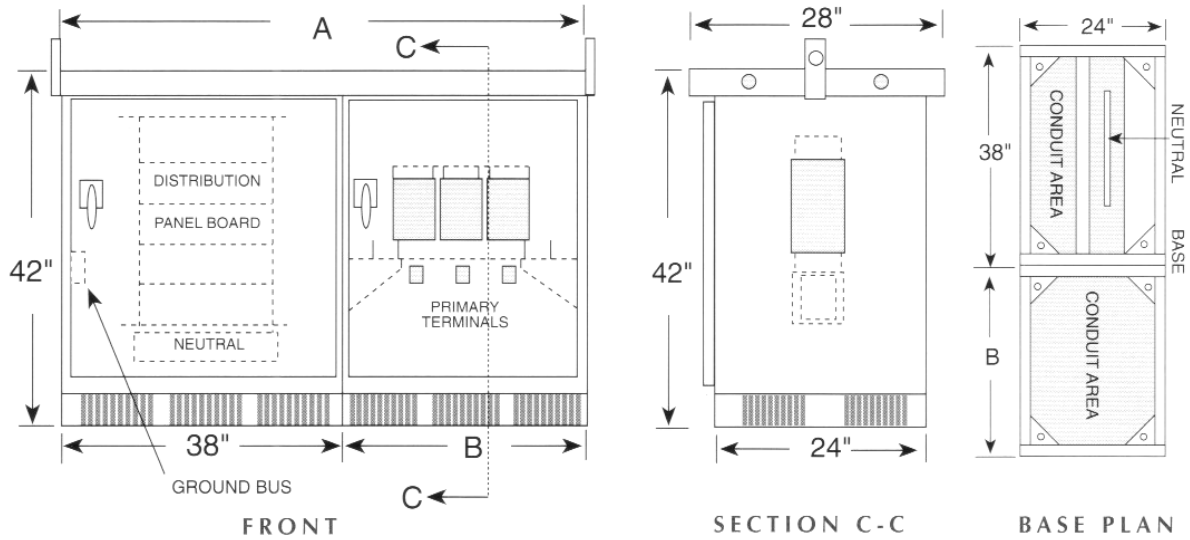
*Milbank West's Marine Distribution Panel* is designed specifically for marine environment. The enclosure is made of aluminum, white polyurethane, powder coat finish with stainless steel hardware and copper conductors and bussing. Over 30 years experience in building electrical distribution equipment assures the developer of the highest quality and efficient service in providing primary distribution to the marina or yacht club. For more information contact the factory for complete drawing and specifications.

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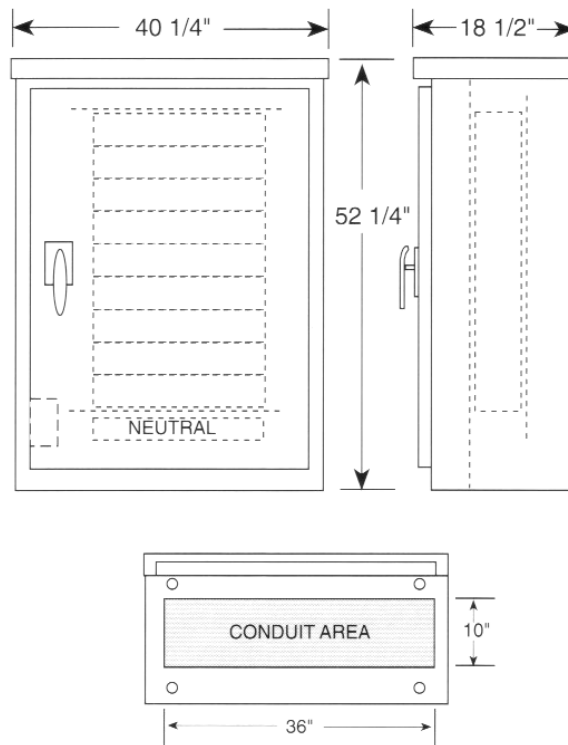


# Marina Distribution Unit Substation and Panel

## NMDUS



## MDP



# Marina Distribution Unit Substation and Panel

## Ordering Information for NMDUS and MDP:

### Sample Catalog Number

NMDUS – KVA? – Ø?

NMDUS – 112.5 – 3

### ORDERING INFORMATION

SINGLE PHASE		THREE PHASE		DIMENSIONS	
SIZE - KVA	WEIGHT	SIZE - KVA	WEIGHT	A" ENTIRE WIDTH	B" TRANSFORMER SECTION
37.5	690 lbs	50	760 lbs	70	31.5
75	810	75	827	70	31.5
100	930	112.5	947	70	31.5
167.5	1200	150	1102	81	42.5
200	1320	225	1475	81	42.5

### STANDARD FEATURES OF THE NMDUS

**EXTERIOR HARDWARE:** All exterior hardware is stainless steel.

**ENCLOSURE MATERIAL:** The enclosure is constructed of aircraft aluminum alloy #5052-H32, Type 3R.

**FINISH:** White polyurethane powder coating.

**BUSSING:** Bus bars and conductors are copper.

**TRANSFORMER COILS:** Transformer coils are copper wound and double-dipped in #346 clear baking varnish.

**OVERLOAD:** Overloading capacity is as specified in ANSI C57.96, UL 506 and NEMA ST20 standards.

**TEMPERATURE:** Temperature rise is not to exceed 150°C over 40° ambient, 220°C insulation class per UL standards.

**TAPS:** Standard Taps 2-2.5% FCAN and 2-2.5% FCBN.

**VOLTAGE:** 480 Primary to 120/240V 1Ø or 480Δ Primary to 208Y/120V 3Ø secondary.

**U/L LISTING:** Underwriters Laboratories listed, File E-44314.

### STANDARD FEATURES OF THE MDP

**HARDWARE:** All exterior hardware is stainless steel.

**PANELBOARD:** Marina circuit breaker panel board is Type MDP.

**FINISH:** White polyurethane powder coating.

**BUSSING:** Bus bars and conductors are copper.

**ENCLOSURE:** Aluminum #5052-H32, NEMA-3R.

**OVERLOAD:** Overloading capacity is as specified in ANSI C57.96, UL 506 and NEMA ST20 standards.

**VOLTAGE:** 120/240V 1Ø 3W, 208Y/120V 3Ø 4W, 480Y/277V 3Ø 4W.

**AMPERAGE RATINGS:** 600 AMPs

**U/L LISTING:** Underwriters Laboratories listed, File E-42827.



**HENDERSON MARINE SUPPLY, INC.**

800-523-1586 [www.hendersonmarine.com](http://www.hendersonmarine.com)

Specifications subject to change without notice. Not responsible for rust.

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Last Updated: 3/21/2003 12:00:00 PM