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SUPERSEDING
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DETAIL SPECIFICATION SHEET

PANEL, ELECTRICAL, MANUAL TRANSFER FOR DOUBLE
NQB-A101 CIRCUIT BREAKERS, DRIPPROOF,
TOTALLY ENCLOSED AND WATERTIGHT

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification sheet and MIL-DTL-23928.

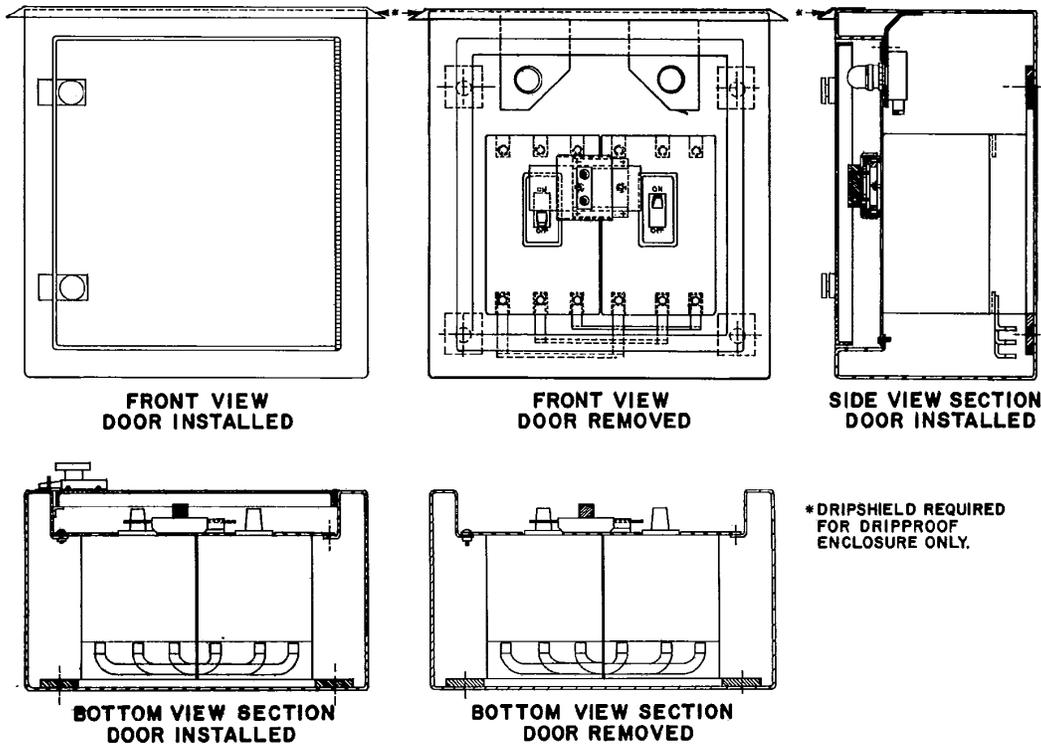


FIGURE 1. Panel interlock arrangement of double NQB-A101 circuit breakers for manual transfer function, totally enclosed and dripproof enclosure (typical).

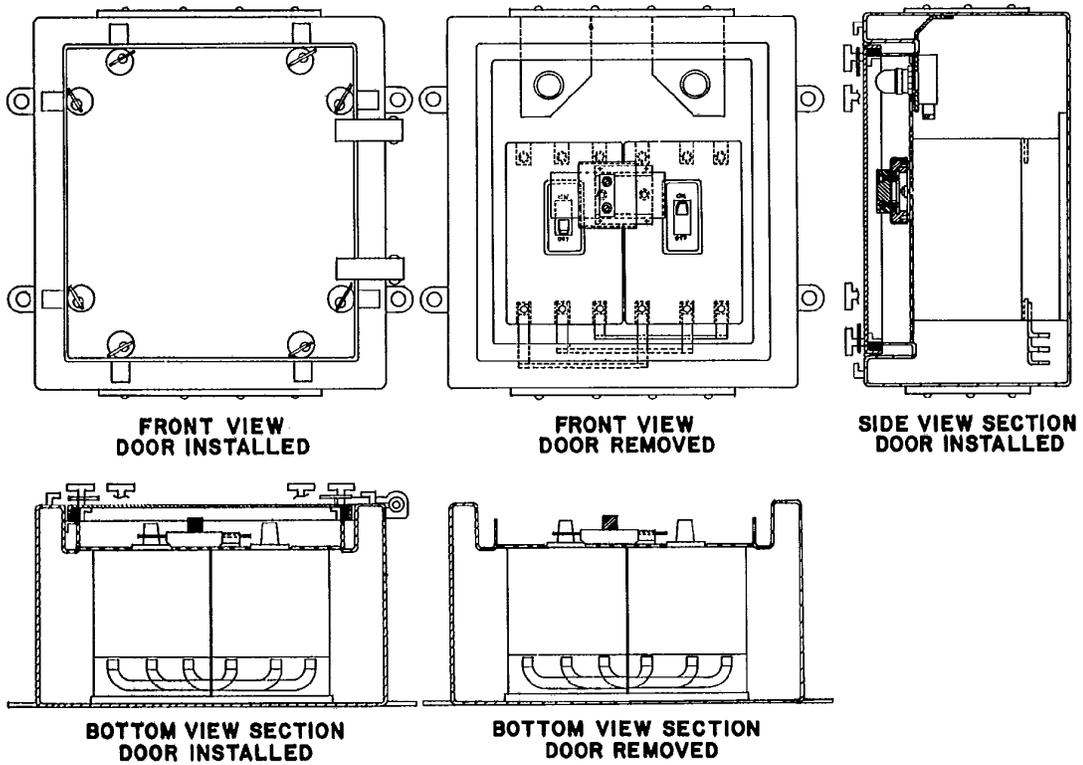


FIGURE 2. Panel interlock arrangement of double NQB-A101 circuit breakers for manual transfer function, watertight enclosure.

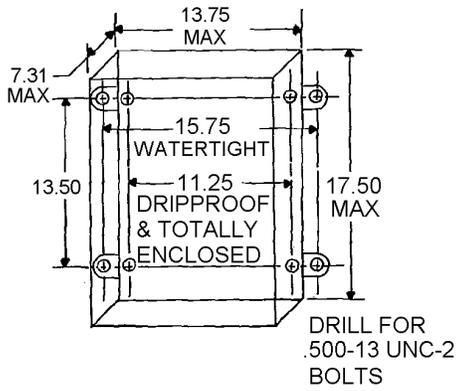


FIGURE 3. Panel and mounting dimensions.

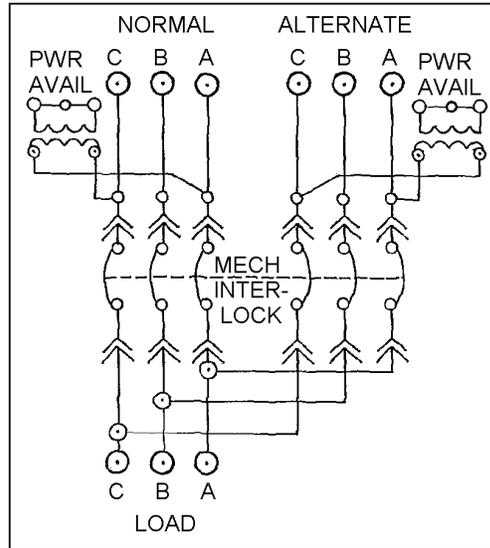
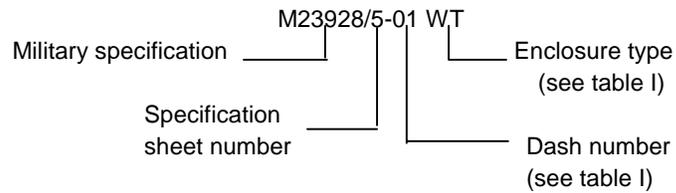


FIGURE 4. Wiring diagram, front view (typical).

TABLE I. Part numbers.

Dash number	Symbol number and enclosure type		
	Dripproof (DP)	Totally enclosed (TE)	Watertight (WT)
01	2471.1	2471.2	2471.3

Example: The full part number for a watertight, manual bus transfer is:



REQUIREMENTS:

Class: 1 - Dripproof (see note 1).

Class: 2 - Totally enclosed (see note 2).

Class: 3 - Watertight (see note 3).

Dimensions and configuration: See figures.

Composition: Steel or aluminum (see note 5).

Current rating: 100 amperes (A).

Voltage rating: 500 volts alternating current and 250 volts direct current.

Short circuit capacity: 100,000 A.

Bus bar size (minimum): 1 x 1/4 inch.

Circuit breakers: NQB-A101 (see MIL-C-17361).

NOTES:

1. Class 1 panels with doors shall meet the 45 degree dripproof requirements and panels without doors shall meet the 15 degree dripproof requirements as defined by MIL-STD-108. When used, drip shield dimensions shall be as required to provide the specified degree of enclosure. Panels shall be furnished without doors only when specified in acquisition documents.
2. Class 2 panels shall meet the totally enclosed requirements as defined in MIL-STD-108.
3. Class 3 panels, with doors, gaskets, and drain opening, shall meet the watertight requirements as defined in MIL-STD-108.
4. A power available indicator light shall be provided for each circuit breaker used for bus transfer switching. The indicator light shall be placed in close proximity to the circuit breaker to which it refers and shall illuminate when power is available.
5. Panels shall be of aluminum construction unless steel is specified in the acquisition document.

Referenced documents. In addition to MIL-DTL-23928, this document references the following:

MIL-C-17361 MIL-STD-108

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:
Navy - SH
DLA - CC

Preparing activity:
DLA - CC

(Project 5925-0368-005)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at www.dodssp.daps.mil.