

26 24 16 Panelboards

Revision 01/04/2019

Purpose:

The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard's section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. General Requirements

- a. Provide copper ground bus in each panelboard
- b. Panelboards shall be fully rated. Series rating is not permitted
- c. Cabinet Front: Surface or flush type cabinet front with concealed hinge, and flush lock all keyed alike.
 - i. For surface mounted panels, provide hinged trim construction.
 - ii. For flush mounted panels, provide door-in-door type trim construction.
- d. Provide typed circuit directory for each branch circuit and distribution panelboard.

2. Distribution Panelboards

- a. Square D I-line panelboards
- b. Breakers 400A and larger shall be equipped with adjustable electronic trip units.
 - i. All settings on electronic trip units shall be independently adjustable.

3. Branch Circuit Panelboards

- a. Square D Type NF (480Y/277 volts) or Type NQ (208Y/120 volts).
- b. Molded Case Circuit Breakers: Bolt on type.
 - i. Do not use tandem circuit breakers.
 - ii. Do not use handle ties.
- c. Cabinet box (nominal dimensions): 6 inches deep; 20 inches wide.