260929 - Panelboards, Distribution Panels & Branch Panels

Sandra Hickey
sandra.hickey@unh.edu

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SECTION 26 0929 – PANELBOARDS, DISTRIBUTION PANELS AND BRANCH PANELS

PART 1 - GENERAL

1.1 Distribution panels shall be of the bolt-on circuit breaker distribution type. Circuit breakers shall have manual quick-make and quick-break and automatic quick-break and thermal magnetic tripping. Breakers shall be 75 degree C rated.

1.2 Branch circuit lighting and motor panels shall be bolt-on circuit breaker type of the thermal magnetic type with manual quick-make and quick-break and automatic quick-break. Multiple pole breakers shall have a common trip.

1.3 All circuit breakers for the above mentioned panels shall bolt directly into the bus.

1.4 At least 20 percent of the total number of breakers in every branch circuit panel shall be spares.

1.5 Cabinets shall be equipped with doors that have keyed locks and flush handles. A typed circuit directory shall be provided in covered frame in each cabinet. UNH Facilities shall approve directory before it is typed.

1.6 All panelboards rated 100 amps and larger shall have door-in-door front covers.

1.7 I-Line and Spectre type panel board will be accepted.

1.8 Powerlink lighting control panels shall be used for common spaces such as corridors, open study areas, etc. These panels shall be controlled by the BMS.

1.9 All panelboards shall comply with the requirements of Chapter 5, Division 26, Section 260553.

1.10 See Chapter 5, Division 01, Section 017700.1.1.B.1.i Closeout Procedures - Project Record Documents for equipment list requirements for all equipment provided in this section.

PART 2 - PRODUCTS

2.1 Generally accepted panelboard manufacturers are as follows. Shall be submitted to UNH Facilities for approval.

A. Distribution panels
   General Electric
   Westinghouse/Cutler Hammer
   ITE/Siemens
   Square D

B. Branch circuit panels
   General Electric
   Westinghouse/Cutler Hammer
   ITE/Siemens