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260929 - Panelboards, Distribution Panels & Branch Panels

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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

Square D

END OF SECTION 26 0929