

UNIVERSITY OF NEW HAMPSHIRE
CONSTRUCTION AND RENOVATION STANDARDS

SECTION 16470 – PANELBOARDS, DISTRIBUTION PANELS AND BRANCH PANELS

PART 1 - GENERAL

- 1.01 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.
- 1.02 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.
- 1.03 All circuit breakers for the above mentioned panels shall bolt directly into the bus.
- 1.04 At least 20 percent of the total number of breakers in every branch circuit panel shall be spares.
- 1.05 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.
Facilities Design & Construction shall approve directory before it is typed.
- 1.06 **All panelboards rated 100 amps and larger shall have door-in-door front covers.**
- 1.07 I-Line and Spectre type panel board will be accepted.
- 1.08 All panelboards shall comply with the requirements of Section 16195 Electrical Identification.

PART 2 - PRODUCTS

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| 2.01 | Distribution panels | General Electric
Westinghouse/Cutler Hammer
ITE/Siemens
Square D |
| 2.02 | Branch circuit panels | General Electric
Westinghouse/Cutler Hammer
ITE/Siemens
Square D |

END OF SECTION