

DIVISION 26 - ELECTRICAL

SECTION 26 28 16 – ENCLOSED SWITCHES AND CIRCUIT BREAKERS

PART 1: GENERAL

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of Texas State University for Enclosed Switches and Circuit Breakers.
- B. Texas State University recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University projects.

1.02 Scope of Work

- A. This section includes enclosed switches for use as disconnects in service and distribution systems rated 600 volts and less. Basis of Design shall be Square D.
 - 1. Exceptions; where alterations or additions are made to existing structures, use the existing manufacturers in that building.
- B. This is a design standard and is not intended to be used as a guideline or construction specification.

PART 2: PRODUCTS

Use heavy-duty type enclosed switches only.

- A. Circuit breakers shall have a positive means of indicating a tripped condition (i.e.: Square D's orange indicator). Basis of Design shall be Square D.
- B. Disconnect (Safety) switches shall be rated 'heavy duty'. Basis of Design shall be Square D.
 - 1. Exceptions; where alterations or additions are made to existing structures, use the existing manufacturers in that building.
- C. All breaker panels shall have a complete and legible circuit index positioned on the inside surface of the panel door. Basis of Design shall be Square D.
 - 1. Use room numbers as to where circuits go.
 - 2. exception; where alterations or additions are made to existing structures, use the existing manufacturers in that building
- D. Working Space About Electric Equipment. Distances shall be measured from the enclosure front or opening if such are enclosed. Concrete, brick or tile walls shall be considered as grounded. The work space shall not be less than 30 in. wide in front of electric equipment. The work space

shall be clear and extend from the floor or platform to the height required. The work space shall permit at least a 90-degree opening of equipment doors or hinged panels. The minimum headroom of working spaces about service equipment, switchboards, panelboards, or motor control centers shall be 6½ ft. (1.98m).

PART 3: EXECUTION (NOT USED)

END OF SECTION 26 28 16